

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER



Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3206
VOL. CXXXV

JULY 19, 1941

Annual Subscription (with
Diary) 25/-. Single Copies 9d.

INTERESTING EVENTS

IN PHARMACY No. 4



JOSEPH PELLETIER
1788-1842

... was the son of a Paris Pharmacist. He is best known for his isolation of quinine. His investigations also covered ipecacuanha, nux vomica, colchicum, hellebore, pepper, opium and other drugs and a long series of alkaloids is credited to him.

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON.E.6



... have always been in the forefront with the manufacture and marketing of these drugs for the Home and Export Markets ...

For ACTIVE SERVICE PARCELS

Sell

**Euthymol
TOOTH PASTE**

PARKE DAVIS & CO
LONDON

GRAND PRIX (HIGHER)

A SCIENTIFIC TOILET PREPARATION

THOSE who buy gifts for men on active service think first of "quality"—only the best is good enough. Tell customers that there can be nothing better of its kind than Euthymol Tooth Paste, and they will buy from *you*.

Keep this P.A.T.A. line well to the front of your window and counter, and your sales of it will grow. It is an uncommonly profitable product.

**Euthymol
TOOTH PASTE**

**SEND
FOR
TERMS**

MEDICO-BIOLOGICAL LABORATORIES, LTD.

DIRECTORS:

A. F. HARRIS, Managing
B. VARVILL, M.C.,
M.R.C.S., L.R.C.P.
J. L. REGAMEY

CHEMIST:

R. K. CORFIELD, M.P.S.

CARGREEN ROAD
SOUTH NORWOOD
LONDON, S.E.25

TELEPHONE: LIVINGSTONE 3628

TELEGRAMS:

BIOMEDIC-SOUTHNOR-LONDON

TELEGRAPHIC CODES:

BENTLEY'S SECOND PHRASE
A.B.C. FIFTH EDITION

15th July, 1941

BRITISH EMPIRE AGENTS**AUSTRALIA**

Sera, (Pty) Ltd.,
119, Phillip Street,
Sydney, N.S.W.

BARBADOS,**BRITISH GUIANA & TRINIDAD**

J. James Taitt,
5, Sackville Street,
Port of Spain, Trinidad.

BRITISH MALAYA

Scientific Instrument Co., Ltd.,
2, Finlayson Green,
Singapore, S.S.

BRITISH WEST AFRICA

W. E. Arthur,
P.O. Box 39,
Saltpond.

CYPRUS

Antoniades & Co.,
P.O. Box 82,
Larnaca.

DOMINICA

Dominica Dispensary Co.,
P.O. Box 25,
Roseau.

GIBRALTAR

Rock & Son,
163, Main Street,
Gibraltar.

INDIA

Smith, Stanistreet & Co., Ltd.,
Stanistreet House,
18, Convent Road,
Entally, Calcutta.

JAMAICA

R. A. McKenzie & Co.,
99, Harbour Street,
Kingston.

MALTA

Alfred Gera & Son,
13, Strada Stretta,
Valletta.

NEW ZEALAND

Sera, (Pty) Ltd.,
W. & R. Smallbone,
Auckland, Christchurch,
Dunedin & Wellington.

SOUTH AFRICA

Westdene Products (Pty) Ltd.,
P.O. Box 273,
Bloemfontein.

SOLE AGENTS IN EIRE

Wilcox, Jozeau & Co.,
(Foreign Chemists) Ltd.,
19, Temple Bar,
Dublin.

SOLE AGENTS IN IRAQ

A. D. Fetto,
33S-I Al-Rashid Street,
Baghdad.

STOCKISTS IN CANADA

National Canadian Drugs Ltd.,
29, Mill Street,
Saint John, N.B.

Dear Sirs,

There is, and there has been,

NO SHORTAGE

of any of our preparations.

For over seven years, every order has been executed, and the goods despatched on the day the order was received by us.

It is our aim to maintain this record.

With compliments, we are,

Yours very truly,

MEDICO-BIOLOGICAL LABORATORIES, Ltd.

ANTIPEOL

OINTMENT	4 oz. Tube . . .	6/8½
	40 gr. " . . .	3/4½
	20 gr. " . . .	1/10½
LIQUID	40 c.c. Bottle . . .	3/4½

OPHTHALMO-ANTIPEOL

20 gr. Nozzled Tube . . .	3/4½
8 gr. " " . . .	1/7

RHINO-ANTIPEOL

20 gr. Nozzled Tube . . .	2/9½
8 gr. " " . . .	1/7

ENTEROFAGOS (Oral and Injectable)

Box of 50 ampoules . . .	19/-
" " 10 " . . .	4/3
" " 5 " . . .	2/6

DETENSYL

Tin of 500 Tablets . . .	39/-
Tube of 50 " . . .	4/5½

ST. JAMES' BALM

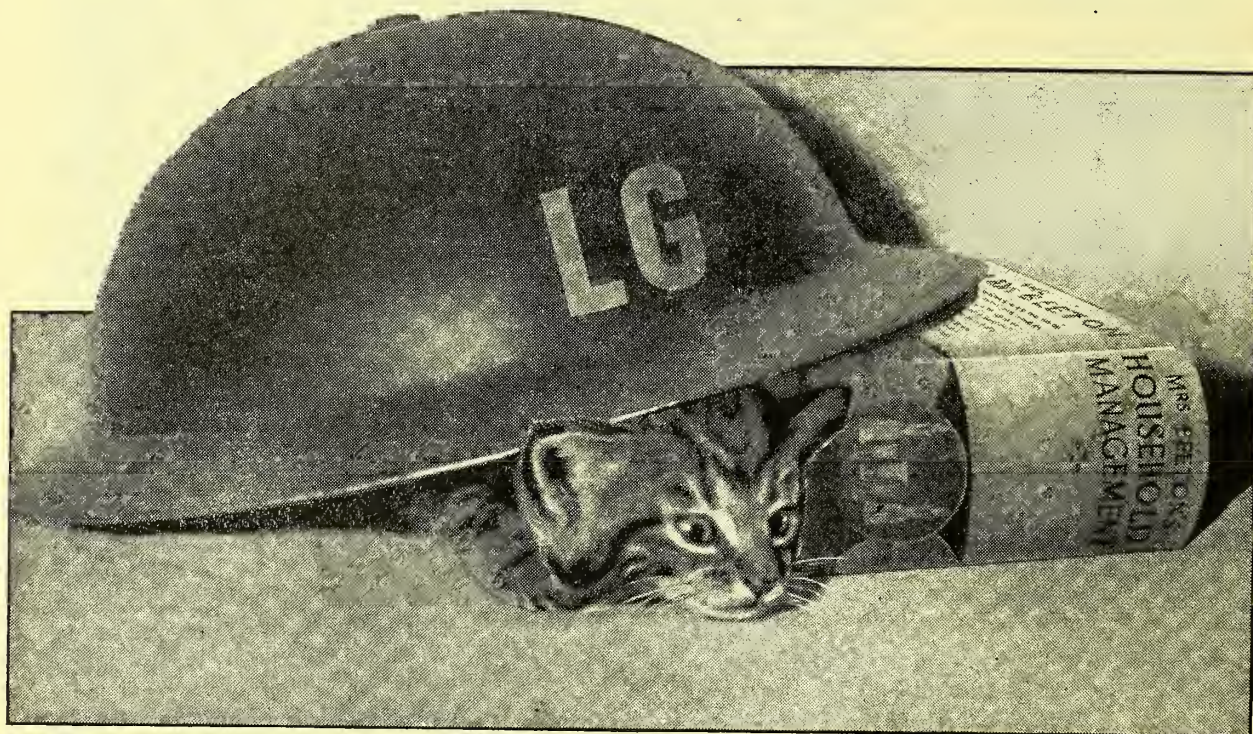
Tin of approx. 2½ oz. . .	2/10
" " " 1 oz. . .	1/5
Tubes . . .	1/2

Retail Price	Chemists' Price			
	Per unit		Per dozen	
(Inclusive of Tax)	Net	Purchase Tax	Net	Purchase Tax
6/8½	4/2½	+ 8½	50/5	+ 8/5
3/4½	2/1½	+ 4½	25/3	+ 4/3
1/10½	1/2	+ 2½	14/-	+ 2/4
3/4½	2/1½	+ 4½	25/3	+ 4/3
3/4½	2/1½	+ 4½	25/3	+ 4/3
1/7	1/-	+ 2	11/11	+ 2/-
2/9½	1/9	+ 3½	21/-	+ 3/6
1/7	1/-	+ 2	11/11	+ 2/-
19/-	13/3½	None	159/7	None
4/3	3/-	None	35/8	None
2/6	1/9	None	21/-	None
39/-	24/-	+ 4/-	288/-	+ 48/-
4/5½	2/8½	+ 5½	32/4	+ 5/5
2/10	1/11	+ 4	22/6	+ 3/9
1/5	11	+ 2	11/3	+ 1/11
1/2	9	+ 2	9/-	+ 1/6

Carriage Paid on all orders of 1 dozen or £1 and over

TERMS: NETT MONTHLY ACCOUNT

“Where’s my ‘TIBS’ ration?” —asks *Larder Guard*



THE new wartime importance of cats is making people more careful of their cats' health. Owners, therefore, are more than willing to spend money on their working pets. But out of a population of ten million a large percentage of cats are still going without their 'TIBS.' Here, then, lies a market which as yet has barely been touched.

The present 'TIBS' advertising, incorporating the 'Larder Guard' theme, is creating new customers daily and as these advertisements go on so will the number of 'TIBS' buyers increase. It is advisable, therefore, that if not well stocked with 'TIBS' you make up your supplies at once.

PLEASE ACCEPT OUR APOLOGIES FOR RECENT DELAYS.

Although the stock position is now normal, there was a time recently when we could not get supplies out fast enough. There were two reasons for this. First, the demand had been so great that our stocks were exhausted. Second, we were heavily engaged on priority work and were unable to make immediate replacements. We have, however, caught up with production by now and steps have been taken to see that all future deliveries will be made by return as is our usual custom.



'TIBS' is a product of Bob Martin Ltd., Southport, Lancs.

Crookes' Halibut Oil

Standard Bonus Parcels

ALTERATIONS TO BONUS TERMS ARRANGEMENTS

We have pleasure in announcing that in spite of present-day difficulties bonus terms on Crookes' Halibut Oil are still available. These terms, however, will be subject to certain conditions and we ask our customers to take special note of the following:—

1. Bonus in kind will only be allowed on four standard parcels of Halibut Oil (drops and capsules), details of which are shown here. It will be possible to include two or more of the standard parcels in any one order.

2. Every order for these bonus parcels must be accompanied by CASH.

3. Orders for quantities or combinations other than those stated, and orders received without cash, will be executed without bonus in kind.

4. Bonus in kind will not be allowed on other halibut oil products (Halycalcyne, Halidexol, Halibut Ointment). We have been reluctant to change the present conditions under which we do business with our pharmaceutical friends but in view of steadily rising costs, and the fact that our prices to the public have not been raised, we hope that the terms now presented will be regarded as an adequate solution to a very difficult problem.

CROOKES' HALIBUT OIL Standard Bonus Parcels (Drops and Capsules)			
PARCEL	QUANTITY	Bonus	Sell
PARCEL A = 3 DOZEN			
24 x 5 c.c. Drops	2	2/-	
12 x 25 Capsules	1	2/6	
Less 25%			
" 10%			
*Amount of cash with order			
PARCEL B = 3 DOZEN			
18 x 5 c.c. Drops	2	2/-	
18 x 25 Capsules	1	2/6	
Less 25%			
" 10%			
*Amount of cash with order			
PARCEL C = 6 DOZEN			
36 x 5 c.c. Drops	6	2/-	
36 x 25 Capsules	6	2/6	
Less 25%			
" 10%			
*Amount of cash with order			
PARCEL D = 6 DOZEN			
30 x 5 c.c. Drops	5	2/-	
6 x 15 c.c. "	1	5/-	
30 x 25 Capsules	5	2/6	
6 x 100 Capsules	1	8/6	
Less 25%			
" 10%			
*Amount of cash with order			

Crookes

THE CROOKES LABORATORIES (British Colloids Ltd.) LONDON, N.W.10

Telephone: Willesden 6313 (5 lines)

Telegrams: Colloids, Harles, London



Have you noticed the look of disappointment when you cannot supply the article demanded by your customer?

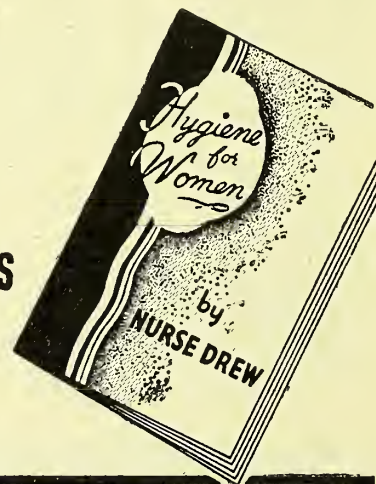
The promise to obtain it quickly is not the same thing. It can be purchased round the corner and thus a sale is lost and the goodwill that goes with it. *Perhaps for ever.*

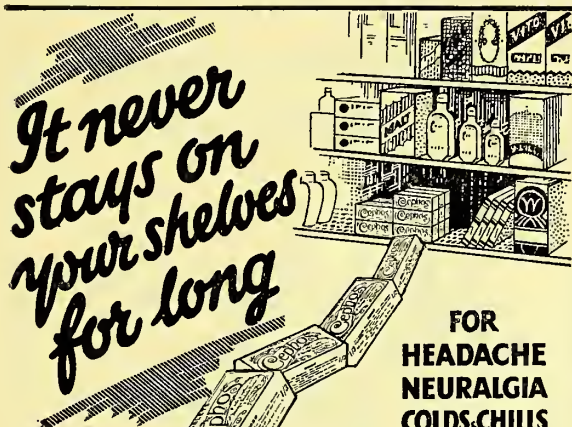
Be wise in time and look to your stock of Rendells Products for Feminine Hygiene. Demand for the new lines MENSINOLE, SANTRON and SILATEX, to say nothing of RENDELLS, is increasing daily.

Nurse Drew's free booklet which is nationally advertised is creating this demand. These booklets on your counter will bring new business, and a permanent Rendell display gives confidence to regular customers.

RENDELLS PRODUCTS

Send a postcard today to
W. J. RENDELL LTD., 161-5, ROSEBERY AVENUE, LONDON, E.C.1,
for the latest display material and place an order with your usual
wholesaler for a complete range of Rendells Products for Feminine Hygiene.





Cephos
 See-foss REGD
 Pronounced THE PHYSICIANS' REMEDY

KEEPS TRADE MOVING

Its reputation as a safe and effective remedy for the more prevalent ailments is widely known. Cephos enjoys a steady demand throughout the year and good profits are assured those retailers who display it.

CEPHOS LTD., BLACKBURN

**FOR
 HEADACHE
 NEURALGIA
 COLDS, CHILLS
 RHEUMATISM**

INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd.	vi
Armour Laboratories, The	16
Bailey, R., & Son, Ltd.	18
Barker, R., & Son, Ltd.	Leader Page
Bell, John, Hills & Lucas, Ltd.	Leader Page
Benger's Food, Ltd.	v
Boake, A., Roberts & Co., Ltd.	Leader Page
British Alkaloids, Ltd.	16
British Unicorn, Ltd.	Col. Supp.
Burgoyne, Burbidges & Co., Ltd.	Front Cover
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	19
Castle Huskisson, Ltd.	iii
Cephos, Ltd.	5
Cossor, A. C. & Son (Thermometers), Ltd.	12
Cox, Arthur H., & Co., Ltd.	8
Crookes Laboratories (British Colloids, Ltd.)	3
D.D.D. Co., Ltd.	iv
Daniel, Richard, & Son, Ltd.	13
Davenport, J. T., Ltd.	viii
Fassett & Johnson, Ltd.	11
Fellows Medical Manfg. Co., Ltd.	viii
Ferris & Co., Ltd.	iv
Franks, A., & Bartlett Co., Ltd.	18
Freudentheil, Smith & Co.	Leader Page
Grosse, J.	ii
Howards & Sons, Ltd.	i
Jeffreys, Miller & Co., Ltd.	iv
Koray, Ltd.	10
Lax & Shaw, Ltd.	14
Leath & Ross Laboratory	vi
Leigh & Sons Metal Works	vi
Lennon, Ltd.	6
London Capsule Co.	vii
Martin, Bob, Ltd.	2
Mather, Wm., Ltd.	12

(continued overleaf)



Santalum-Album

90% Guaranteed SANTALOL CONTENT

It is this quality of Mysore sandalwood oil which makes it invaluable as a base, modifier and fixative for all perfumes. The sandalwood tree grows almost exclusively in the state of Mysore, and the oil is produced by the methods of modern science under Government supervision. The Santalol content of 90% is a guaranteed minimum.

Mysore
SANDALWOOD OIL

**THE TRADE COMMISSIONER FOR
 MYSORE IN LONDON**

Sole Agents for U.S.A.:
 Messrs. W. J. Bush & Co., Inc., 11 East
 38th Street, New York.

Sole Agents for Canada:
 Messrs. W. J. Bush & Co. (Canada), Ltd.,
 432 St. Helen Street, Montreal

Sole Agents for South & Central America:
 Messrs. W. J. Bush & Co., Ltd. (London).

Grand Buildings, Trafalgar Square, London, W.C.2

Telephone: WHitehall 8888

INDEX—contd.

Matthews & Wilson, Ltd.	ii
Matthews Laboratories, Ltd.	Leader Page
Matthews, S., & Co., Ltd.	v
Mawdsley, D., & Co.	vi
McGuffie, John, & Co., Ltd.	Col. Supp.
Medico-Biological Laboratories, Ltd.	1
Mehta Bros.	iv
Miner, Henry C.	15
Morley, Rogers & Co., Ltd.	13
Multishave Co.	Leader Page
Mysore, Trade Commissioner for, in London	5
Napp, H. R., Ltd.	Leader Page
Newball & Mason, Ltd.	vi
Oxo, Ltd.	iv
Parke, Davis & Co.	Cover ii
Pezarro, A. E., & Co.	Col. Supp.
Pifco, Ltd.	vi
Potter & Clarke, Ltd.	17
Rendell, W. J., Ltd.	4
Roberts' Patent Filling Machine Co., Ltd.	vii
Rose, J. L., Ltd.	iii
Samona, Ltd.	iv
Samuelson, P., & Co.	ii
Savory & Moore, Ltd.	Leader Page
Schutze, F., & Co., Ltd.	vi
Scurr, C. A.	Col. Supp.
Sherley, A. F., & Co., Ltd.	vii
Simpkin, A. L., & Co., Ltd.	6
Smith, T. & H., Ltd.	iii
Splendor, Ltd.	12
Tryst Lipstick	9
Veno Drug Co., Ltd.	7
Warrick Bros., Ltd.	20
Webster, Isaac, & Sons, Ltd.	vi
Whiffen & Sons, Ltd.	Cover iii
Woolf, Lewis, Ltd.	18
Zimmermann, C., & Co., Ltd.	Cover iv

In South Africa and Rhodesia

The Leading Chemists are
LENNONS

They have been established in all centres
of any importance for many years and
offer modern facilities for manufact-
uring as well as for Wholesale and
Retail Distribution throughout
the territory.

★ If you are seeking reputable representatives or
desire information about the market write to :

LENNON LIMITED
12-14 LAFONE STREET
LONDON, S.E.1
TELEPHONE · HOP. 0181

Simpkin's

WAR TIME DISTRIBUTION

Doctors' Prescriptions for SIMPKINS

Glucose Barley Sugar and Glucose Barley Sugar with Halibut Liver Oil

Instructions have been received from the Government to reserve a certain percentage of our output for urgent medical demands. Owing to limited staff and in order to facilitate supplying, chemists receiving prescriptions of this nature are requested to adopt the following procedure:—

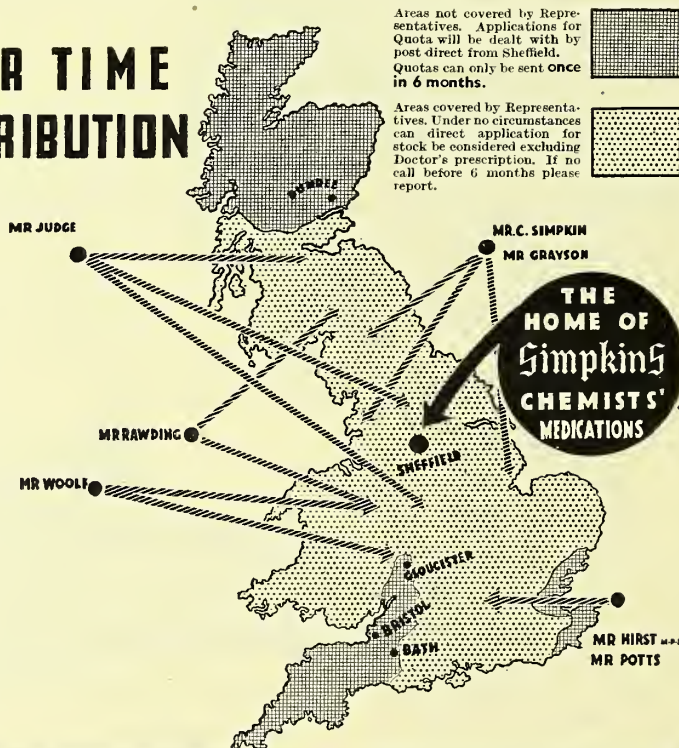
1. To send the order direct to our Factory, Hunter Road, Sheffield, 6.
2. To enclose the **original prescription**, which **must state** the total quantity of Barley Sugar to be supplied.
3. To enclose a remittance based on the following costs.

Glucose Barley Sugar
at the rate of 2s. 3d. per lb. (inclusive of cartons). To retail at 3s. 2d.

Glucose Barley Sugar with Halibut Liver Oil
at the rate of 3s. 6d. per lb. (inclusive of cartons). To retail at 5s. 6d.

Postage to be added at the rate of 7d. up to 3 lb. and 1d. per lb. in excess of 3 lb.

4. To state whether the products have to be sent direct to the patient or to the chemist.



A.L. SIMPKIN & CO. LTD. MANUFACTURING CHEMISTS. SHEFFIELD. 6



Sovereign Remedies

Outstanding efficacy is the sole assurance of satisfactory sales. This unquestionable truth is seen in the unrelenting demand for Veno, Eno and Thermogene Products. The public estimate of these sovereign remedies is unassailable. So—show them! Carry ample stocks! Order ahead! Protect yourself against delay in deliveries and sudden demands due to circumstances beyond our control. And if you need display material kindly write at once to the

VENO DRUG CO. LTD.

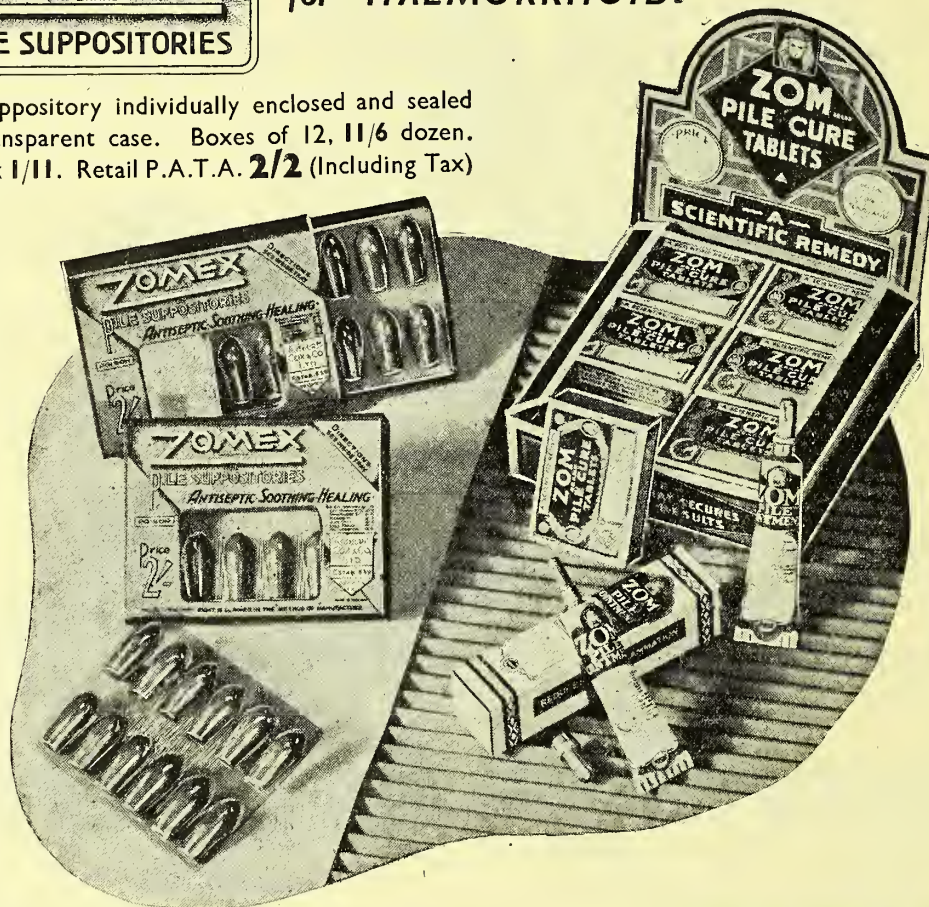
CHESTER ROAD, MANCHESTER 16

*Many of your customers are
martyrs to unnecessary pain !*



The MODERN Treatment
for HAEMORRHOIDS

Each suppository individually enclosed and sealed
in a transparent case. Boxes of 12, 11/6 dozen.
Plus Tax 1/11. Retail P.A.T.A. **2/2** (Including Tax)



PILE CURE TABLETS

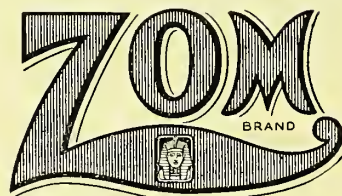
Boxes of 25
(P.A.T.A. 11½d., Including Tax)

PILE OINTMENT
Tins or Tubes

Both

5/6 dozen

Plus Tax 11d. dozen



Prices subject to market fluctuations and materials being available

ARTHUR H. COX & CO. LTD. BRIGHTON. ENG.
● *established 1839*

BE PREPARED —
Your customers will demand

Tryst
TRADE MARK
LIPSTICK

Tryst — IS BEING ADVERTISED IN
 THE NATIONAL PRESS AND ALL THE
 POPULAR WOMEN'S PAPERS
Women Everywhere WILL
 WANT TO BUY *Tryst* IN THE
 COLOURFUL REFILL PACK

24
 EACH REFILL



6
 SHADES
 FLAME
 ROSETAN
 RED VELVET
 CYCLAMEN
 PASSION
 CREOLE

★ THIS IRRESISTIBLE NEW
 LIPSTICK CAN BE DELIVERED
 TO YOU FROM ADEQUATE STOCKS

ASK YOUR WHOLESALE
 FOR TRYST LIPSTICK *—Today!*

CONTAINERS ARE SCARCE — BUT SUPPLIES OF TRYST LIPSTICK ARE PLENTIFUL

SENSATIONAL BONUS OFFER

by Koray

BRAND TABLETS

12 $\frac{1}{2}$ %
PROFIT ON
COST

... AND SALES ASSURED BY
20,000,000
ADVERTISEMENTS EVERY WEEK
in the following media

Daily Herald
Daily Mirror
Daily Sketch
Star
Empire News
Reynolds News
Sunday Chronicle
Sunday Pictorial
John Bull
Leader
Picture Post
Methodist Recorder
Christian Herald
Baptist Times
Universe
Aberdeen Evening
Express
Belfast Evening
Telegraph
Belfast Newsletter
Belfast Northern Whig
Birmingham Evening
Despatch
Birmingham Mail
Birmingham Sunday
Mercury
Bolton Evening News
Bristol Evening World
Bristol Post
Derbyshire Telegraph
Derbyshire Times
Eastern Evening News
Edinburgh Evening
News
Exeter Express & Echo
Glasgow Daily Record
Glasgow Sunday Mail
Gloucester Citizen
Grimsby Telegraph
Hereford Times

Hull Daily Mail
Ipswich Evening Star
Irish News
Lancs. Daily Post
Leicester Mail
Leicester Mercury
Liverpool Echo
Liverpool Express
Manchester Evening
Chronicle
Manchester Evening
News
Manchester Daily
Despatch
North Eastern
Gazette
Northampton
Chronicle
Notts. Evening Post
Notts. Journal
Oxford Mail
Peterborough
Advertiser
Staffs. Evening Sentinel
Sheffield Star
South Wales Argus
South Wales Echo
South Wales Post
Sunday Sun
Western Evening
Herald
Western Mail
Western Morning
News
West Lancs. Evening
Gazette
Wolves. Express &
Star
Yorkshire Evening
News
Yorkshire Post

YOU BUY FOR

3 Koray Displays, each
carrying 14—3½d. cartons 7/9
Plus Purchase Tax at 16½% 1/3½
Plus Purchase Tax on Free
Bonus Display ... 5½
9/6

YOU SELL FOR

3 Koray Displays, each 12/3
carrying 14—3½d. cartons 4/1
Plus 14 Free Bonus cartons 16/4

PROFIT 6/10 = 72 $\frac{1}{2}$ % on cost

These are days of quotas and reduced supplies. Rapid turnover constantly maintained is to-day's vital requirement. This is just what you get with KORAY. It is to-day's best-seller—and demand goes on going up. And now—in addition to assured sales and our usual generous profit, KORAY gives you a sensational additional Bonus . . . a Bonus which nets you 72½% profit on cost. If you are not yet stocking KORAY you are losing sales—to-day and every day. Post the Coupon below to your wholesaler AT ONCE.

The KORAY Bonus Offer consists of one FREE Display (carrying 14—3½d. cartons) with every 3 Displays ordered. THE OFFER IS LIMITED TO A MAXIMUM OF TEN BONUS UNITS (i.e., 30 Displays plus 10 FREE Bonus Displays) to any one pharmacy. The Bonus Offer holds good for 28 days and will close on July 28th, and not a day later. Orders should not be sent direct to KORAY Ltd., but should be sent to your usual wholesaler TO-DAY.

Note: This offer applies only to the 3½d. size carton. Include your order for other sizes on your usual order form.

BONUS ORDER FORM

To be posted to your usual wholesaler

Please supplyKORAY 3½d. Carton BONUS DISPLAY
UNITS (4 Displays for the price of 3)

Affix Slip Label Here

POST TO YOUR WHOLESALE NOW!

KORAY LIMITED, GILLESPIE ROAD, LONDON, N.5. AND AT BLACKPOOL

No Purchase Tax

Angiers
SUPAVITE
REGD. **CAPSULES** BRAND

VITAMINS A,B₁,B₂(G),C,D,E WITH IRON, CALCIUM AND PHOSPHORUS

We take pleasure in announcing that 'Supavite,' being an essential vitamin product, is now not subject to Purchase Tax.

The price 5/- is being boldly displayed in press advertising appearing in

Daily Express	Sunday Times	Woman
Daily Mail	Observer	Woman's Weekly
News-Chronicle	Sunday Graphic	Woman's Illustrated
Daily Telegraph	Sunday Pictorial	Woman's Own
The Times	Radio Times	Woman & Home
etc.	etc.	etc.

ATTRACTIVE MULTI-COLOURED SHOWCARD
AVAILABLE ON REQUEST

FASSETT & JOHNSON, LTD.

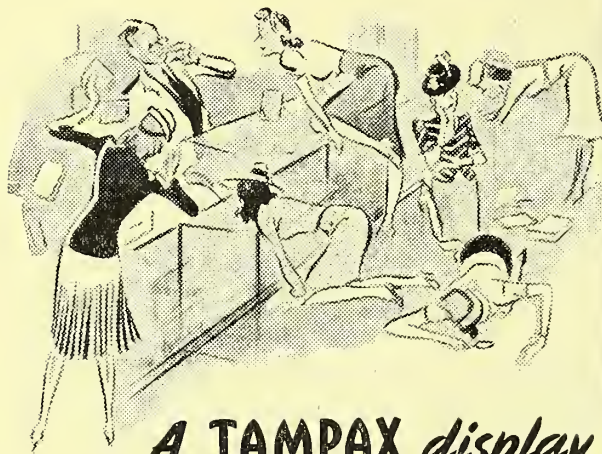
86 Clerkenwell Road,
London, E.C.1

NOW

5/- per box

TO THE PUBLIC

*They're looking for it
in YOUR SHOP!*



*A TAMPAX display
sends PROFITS soaring!*

The more you *display* Tampax the more you sell. Once women know they can get it in your shop you've got an assured regular demand. (Many Tampax customers have evacuated from their home towns and are settling into new areas. That's a *special* opportunity for the Tampax dealer). Tampax—compact and handy with an attractive pack and a lightning turnover—is the ideal show line: doesn't want much house room: doesn't gather dust on your shelves: makes a good show in your window and on your counter: gives you a useful profit on every sale.



TRADE TERMS. P.A.T.A. PRICES

★ PACKETS OF 3	Wholesale 5/3 DOZ.	Retail 7d. PACKET
★ PACKETS OF 6	Wholesale 10/6 DOZ.	Retail 1/2 PACKET
★ PACKETS OF 10	Wholesale 15/9 DOZ.	Retail 1/9 PACKET
★ PACKETS OF 40	Wholesale 54/- DOZ.	Retail 6/- PACKET

Manufactured in England by Tampax Ltd., Belvue Rd., Northolt, Middx.
Sole Distributors: **SPLENDOR LTD.**, 5 Beestmarket Hill, Nottingham,
and 7c Lower Belgrave Street, London, S.W.1

WILLIAM MATHER, LIMITED

OVER STREET, MANCHESTER.

(Established 1826)



ZINC OXIDE and RUBBER ADHESIVE PLAISTER
ON SPOOLS

POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES
ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN
COMFORT, Etc.

**DISKA
BULB**

REG. NO. 815689

CLINICAL THERMOMETERS

Diska Bulb Clinical
Thermometers are recog-
nised as the most perfect
type of clinical
thermometers to use



Note the Special Disc Shaped Bulb

**OBTAINABLE AT FIXED PRICES
FROM ALL WHOLESALE HOUSES**

Sole Manufacturers

A. C. COSSOR & Son (Thermometers) Ltd. London

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

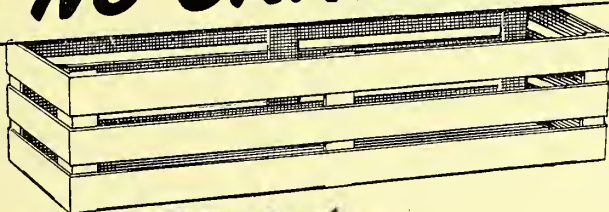
1860

Also... AMPOULES · EMULSIONS · EXTRACTS
 INFUSIONS · OINTMENTS · SUPPOSITORIES.
 PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
 classes of Pharmaceutical Preparations in bulk or packed*
RICHARD DANIEL & SON, LTD., DERBY.

TELEPHONE DERBY 101 571/5

20-22 THE SQUARE, DERBY

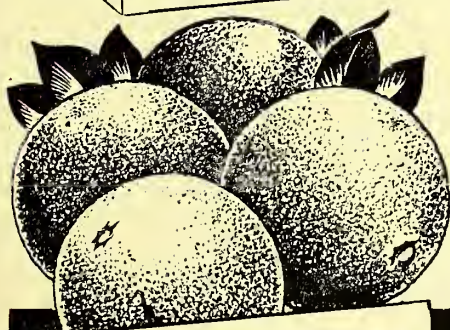
NO ORANGES

**BUT YOU CAN SELL
 "SEVILA"**

THE PERFECT SUBSTITUTE

- ★ SEVILA is not just another orangeade—it is the perfect substitute for oranges and should be used for all purposes where fresh orange juice is required, i.e. cooking, making cakes, puddings, sauces, drinks, etc.
- ★ SEVILA contains Vitamin C, Glucose, Vitamin D, Calcium and Phosphorus, and in view of restricted supplies of raw materials all purchases of SEVILA should be conserved as an essential baby food for children and invalids.
- ★ Packed in powder form each 6d. packet equals the juice of four fresh oranges.
- ★ Sweetened ready for use.
- ★ $\frac{1}{2}$ teaspoonful of powder dissolved in 8 teaspoonfuls of cold water is equal to the juice of one orange.
- ★ National advertising now appearing—display material available.

Manufactured by
MORLEY ROGERS & CO. LTD., 290 KINGSTON RD, MERTON PARK, LONDON, S.W.



Sold in **6^{d.}** PACKETS
TRADE PRICE 57/- PER GROSS
 Cash with Order
 Packed in 6 dozen lots

SEVILA*The Perfect Substitute for Oranges*

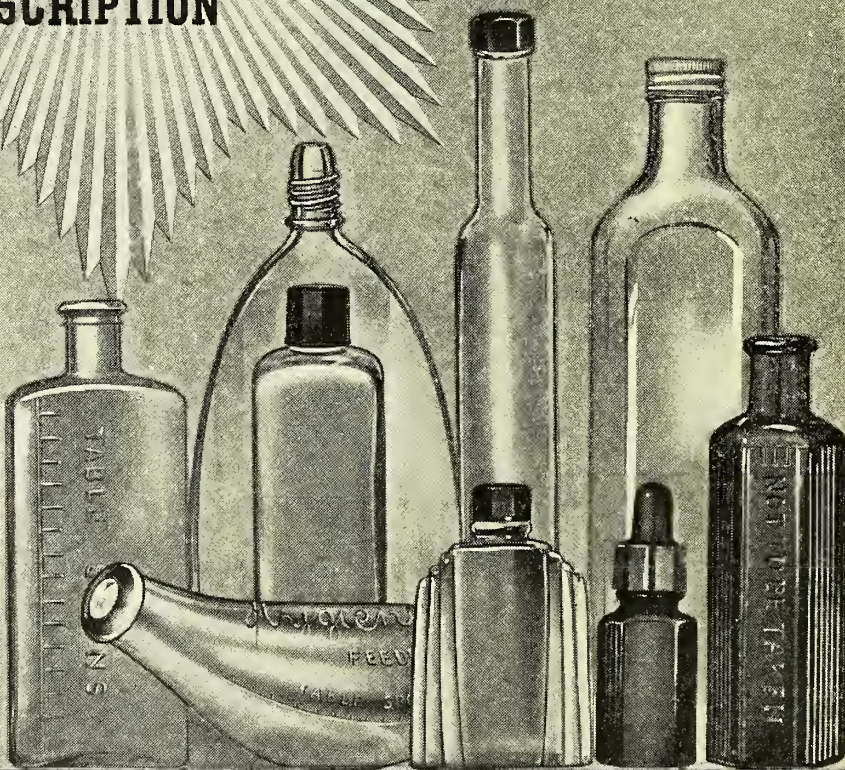
GLASS

CONTAINERS OF EVERY
DESCRIPTION

We invite your
enquiries for the
following

DISPENSING,
EMULSION,
EMBROCATION,
MILK,
FEEDING,
PERFUME,
POISON,
SAUCE,
SWEET,
JAM JARS,
ETC., ETC.

**WHOLESALE &
EXPORT ONLY**



LAX & SHAW LTD

REG. OFFICE. ALBERT GLASS WORKS,
HUNSLET. LEEDS. IO.

'PHONE. 21568 (2 LINES)

'GRAMS. FEEDERS, PHONE LEEDS.

LONDON OFFICE: ST. MARTIN'S HOUSE, 29 LUDGATE HILL, E.C.4.

Telephone. CITY-717 O.

'We all want
the original
Liquid Stockings'

The coupon system, plus shortage, means that millions of women will be wearing Miner's Liquid Stockings this summer, and using Miner's Seam Stik. Why Miner's? Well, first, because they're the original Liquid Stockings that had such a sensational success when they were launched. Secondly, because they're the only Liquid Stockings so blended that they live up to the claims made for them. They're matt. They stay put. They don't rub off. They don't spot. And lastly, because they've got all their own prestige, plus the well-advertised prestige of the sister-line, Miner's Liquid Make Up.

Unfortunately, we have not been able to supply Liquid Stockings direct on account of quota difficulties and the necessity of keeping up all-the-year-round supplies of Liquid Make Up, which requires similar ingredients and bottles. We are, however, supplying wholesalers to the best of our ability—so



keep on asking your wholesaler for

HENRY C MINER'S
LIQUID STOCKINGS

In three sizes, 7½d. (trial), 1/6, 3/- (Seam Stik 4d.). All tax inclusive.

Shades: GOLD MIST, GRAPE MIST.

BRITISH ALKALOIDS LIMITED

(Manufacturers of "T.C.P.")

Sales Maintained

The twelfth ordinary general meeting of British Alkaloids, Ltd., was held on Wednesday, July 9th, in London.

Lt.-Col. Edward Gowlland, D.S.O., M.B. (London) (the chairman), presided, and in the course of his speech, said that shareholders would have learned with regret of the death of Sir Ivor Philipps, who had been chairman since the company was incorporated in 1928. Sir Ivor had been associated as chairman or director with many well-known companies, and the benefit of his ripe experience and wise counsel was sadly missed by him personally, as well as by his colleagues on the board of the company.

The year's working had resulted in a trading profit of £76,345, which, after charging £24,578 on account of excess profits tax, left a net profit of £51,767. The board now recommended the payment of final dividends of 8.09 per cent., less tax, on the 8 per cent. Participating Preference shares, making 16.09 per cent., less tax, for the year, and 12 per cent., less tax, on the Ordinary shares, making 24 per cent., less tax, for the year.

Sales could be considered to have been satisfactory in the home market, despite the many difficulties with which they had had to contend during the year. He was happy to report that the expansion in export trade shown last year had been maintained, and that despite curtailed markets and a natural reduction in shipping facilities. The active and intelligent co-operation of the agents for those markets overseas was greatly appreciated, as well as their assistance in solving the many knotty problems that occurred under war conditions.

War Value of T.C.P.

As stated in the report, the war-time value of T.C.P. had been recognised by various Departments of H.M. Government, the London County Council, the British Red Cross and St. John Ambulance Brigade, as well as by hospitals all over the country and the great aeroplane and other industrial works whose fame was world-wide.

No less important was the rôle that T.C.P. continued to play in assisting to maintain the good health of thousands of members of the public; that was exemplified not only by the recommendation of satisfied users to their friends, but also by the fact that qualified pharmacists throughout the country, fully alive to the merit of T.C.P., lost no opportunity of recommending its use to their customers when indicated. In his opinion, the availability of T.C.P. created confidence in the public mind and might, indeed, be regarded as of very real national importance.

They would be interested to learn that a number of their employees were now serving with H.M. Forces, and the board knew that shareholders would approve their action in supplementing their pay and allowances with a sum which would leave them as well situated financially as at the time of their enlistment, and he felt sure that they would wish to join with the board in wishing them a speedy and safe return. (Hear, hear.)

In conclusion, he would like to express their appreciation of the way in which all members of the staff at the factory and at the office had carried out their duties during a year of unprecedented strain and difficulty; they had been magnificent.

The report was unanimously adopted.



MEDICINAL PRODUCTS OF ANIMAL ORIGIN

—o—

Chemist Counter Lines

ARMOUR'S FLAVOURED JUNKET

GLANOID CALF'S FOOT JELLY

GLANOID BEEF JUICE

A FULL RANGE OF GLANDULAR
PRODUCTS PREPARED FROM FRESH
WARM GLANDS SUPPLIED IN
AMPOULES, TABLETS, LIQUIDS
AND CAPSULES

available in Package Form
or Bulk Containers

Also PEPSIN all strengths

PEPTONE

both Bacteriological and
Commercial

ADRENALIN B.P. 1932 (Pure)

PANCREATIN U-S-P

Inspissated
OX GALL Powdered
Purified

BILE SALTS POWDER

Send your enquiries to:

THE
Armour Laboratories
(ARMOUR AND COMPANY LTD.)

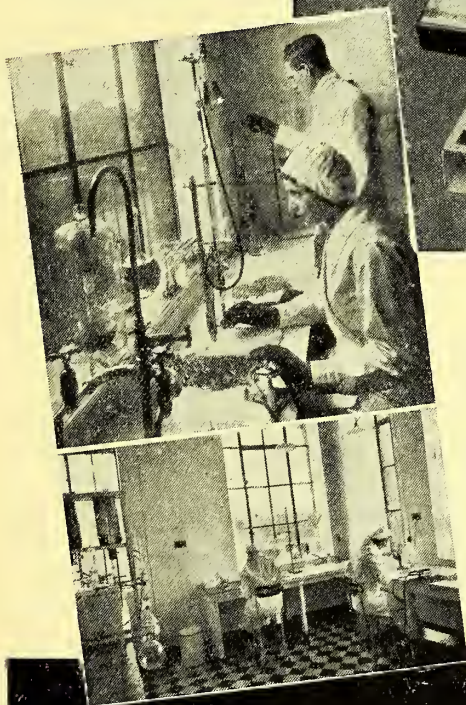
THORNTON HOUSE, FINSBURY SQUARE, LONDON, E.C.2

'Phone Kelvin 3661

Grams "Armosata-Phone," London

UNREMITTING CARE & ATTENTION are behind all P&C preparations!

Below are two views
of our laboratories
used solely for our
Special Preparations



ACCURACY OF DOSAGE AND STERILITY GUARANTEED
AMPOULES • BOUGIES • ANÆSTHETICS • FRIABLE
CAPSULES • MICROSCOPIC REAGENTS • OPHTHALMIC
PREPARATIONS • ANALYTICAL SOLUTIONS
CATHETER LUBRICANTS • HYPODERMIC TABLETS
PESSARIES • CACHETS • SUPPOSITORIES • INDICATORS
POWDERS • ETC • ETC.

*Full
Price List on
Application—*

POTTER & CLARKE LTD.

60-64 Artillery Lane, LONDON, E.1

77 Dantzic Street, MANCHESTER 4

Phone: Bishopsgate 4761-6

Phone: Blackfriars 8734

SAVE ON STOCKINGS

Silktona

LIQUID SILK STOCKINGS

Gives like legs the elegance of Sheer Silk

SUFFICIENT FOR 24 APPLICATIONS

CANNOT HARM THE SKIN: DIRECTIONS FOR SHADES ON BACK

Reduced illustration of full colour package

In spite of quota difficulties we have distributed OVER 5,500 GROSS IN THREE WEEKS to the wholesalers...

ORDER TODAY

FROM YOUR WHOLESALER

Sole Distributors:

ALFRED FRANKS & BARTLETT CO. LTD.

AUDREY HOUSE, ELY PLACE
LONDON, E.C.1

Telephone: HOLBORN 1078-9

SURGICAL DRESSINGS

Enquiries are invited for any of the following manufactures—

Cotton Wools
Boric Acid Wool
Grey Wool
Gauze and Cotton Tissue
Absorbent Gauze
Boric Acid Gauze
Iodoform Gauze
Mercury and Zinc Cyanide Gauze
Picric Gauze
Ribbon Gauzes
Absorbent Lint
Boric Lint
Picric Lint
W.O.W. Bandages
Crepe Bandages
Domettes
Flannel
Muslin
Triangular Bandages

Fast Edge Bandages
Standard Dressings
Merchant Ships Dressings
Neck Wools
Bacteriological Wools
First Aid Dressings



ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT.
TELEPHONE: GREAT MOOR 3006 (2 LINES) TELEGRAMS: "UNDISPUTED" STOCKPORT.

"GRIP-TIGHT"

TRANSPARENT LATEX

FEEDER TEATS

Deliveries are obtainable quickly. If any difficulty send us your order and the name and address of your wholesaler

LEWIS WOOLF LTD.
144, OAKFIELD ROAD, SELLY OAK,
BIRMINGHAM 29



'WELLCOME'

BISMUTH CARBONATE

Bismuth carbonate, one of the most familiar of pharmaceutical chemicals, begins as a gleaming mass of metal, fantastically wrought by nature into a maze of iridescent crystals.

A sequence of processes converts bismuth metal into the impalpable powder that is used daily in the dispensary. The way in which these processes are carried out, however, can make a difference to the quality of the final product.

Experience counts for much in such work as this. The accumulated data of many years of research are applied to the preparation of 'Wellcome' Bismuth Carbonate with the result that its purity, ready diffusibility, whiteness and consistent density are unsurpassed.

For prices and packings see
BURROUGHS WELLCOME & CO.
PRICE LIST

BURROUGHS WELLCOME & CO.
(THE WELLCOME FOUNDATION LTD.)
LONDON

WARRICK BROS. LTD

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS & CO

FINE PRODUCTS FOR THE PHARMACY!

CAPSULES

Bulk, Packed and Speciality
Halibut Liver Oil
Cold Cure; Influenza
'Stankap'; Asthma; Digestive

LOZENGES

Iodized Throat; 'I-O-Mints'
Bismuth Co. B.P.; Antacid,
Linseed, Liquorice and Chlorodyne
Analgesic Throat

PHARMACEUTICALS

'Pulvellæ' and 'Chocellæ'
Olive Oil (*Warrick Freres*)
'Carbo-Absorbent'
Granules—'Stankap' and Digestive

PASTILLES

Glycerine of Thymol Comp.
Chronic Catarrh; Cherry Cough
Glycerine, Lemon and Honey
Iodized Glycerine Black Currant

TABLETS

Mouth Wash (Effervescent)
Bismuth Dyspepsia
Bismuth, Pepsin and Pancreatin
Chilblain Treatment

COLD PRODUCTS

'Nostrones' (Complete Treatment)
Ephedrine Nasal Compound
Smelling Salts
Ephedrine Nasal Cream

PILE PREPARATIONS

Pellæ 8-Day Pile Treatment
Stainless Pile Ointment
Suppositories
Ointments

SEND TO—

WARRICK BROTHERS, LTD.

Telephone: CLERKENWELL 2452-3. Telegrams: WARRICKERS, NORDO-LONDON
CORRESPONDENCE FROM OVERSEAS SOLICITED

NILE STREET • LONDON



The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

Telephone: Bath 5492

Branch Offices

MANCHESTER - BIRMINGHAM - GLASGOW - SHEFFIELD - LEEDS - NEW YORK - AUSTRALIA - NEW ZEALAND

NEWS OF THE WEEK

Milk Powder.—The provisions of the Milk Powder (Prescribed Prices) Order will not apply in future to milk powder specially prepared for infant and invalid foods and sold in containers holding not more than 36 oz. This amendment takes effect immediately.

Registration of London Offices.—City firms whose offices have been destroyed by enemy action are invited to record their new addresses at the Guildhall Library, Basinghall Street, London, W.C.2, where a register is in course of preparation, and will be available for consultation.

Manchester N.P.U. Branch.—At an executive meeting of the Manchester and Salford Branch of the National Pharmaceutical Union held on July 3, Mr. W. Wilkinson was elected *Chairman* and Mr. W. Gee *Vice-chairman*. The *Treasurer* (Mr. G. H. Haines) and *Secretary* (Mr. T. Miller) were re-elected.

Praise for Hull Chemists.—In a lecture by Mr. J. T. Bagnall (city analyst) recently to Hull Industrial Safety First Council, the speaker said that before the war about sixty of the city's chemists had set up three laboratories with their own testing apparatus for identifying war gases. When war broke out they manned these laboratories day and night, and had a staff ready to answer any call immediately.

Resolution on Call-up of Chemists.—Scunthorpe Chamber of Trade has sent a resolution to the Ministry of Health calling attention to the likely effect that de-reservation of pharmacutists will close at least half the chemists' shops in the town. The position in Scunthorpe, states the Chamber, is likely to arise in other towns and, the raising of the income limit of National Health Insurance benefit has brought half a million more people on to the free medicine list, an undue burden will be placed on the profession. The Chamber views with apprehension the prospect of closing these chemists' shops should any epidemic occur in the winter.

Purchase Tax.—The following decisions regarding the liability of certain articles to tax are published as supplementary to those already given in Notice No. 78. Class 2.—*Chargeable*: All waterproofed fabrics in the piece, shaped or partly made-up, except as specifically stated in Notice No. 78 (e.g., heavy industrial canvas). This includes, for example, waterproof bed sheetings, whether supplied to hospitals, institutions or other persons. Waterproof bed sheets, i.e., made-up articles, are similarly chargeable. The exception in page 8 of Notice No. 78 in respect of certain waterproof fabrics for surgical use is confined to such fabrics put up in special packs so as to be clearly identifiable as surgical dressings and sold solely for use as such. Material sold for any other purpose, e.g., for making into aprons, bed sheets, etc., is outside the scope of this concession. Class 17.—In future only packings of the following descriptions of unmedicated adhesive felt are regarded as chargeable:

Thickness	All sizes not exceeding
-----------	-------------------------

Up to but not exceeding $\frac{3}{16}$ in.	40 sq. in.
Exceeding $\frac{3}{16}$ in. but not exceeding $\frac{5}{16}$ in.	30 sq. in.
Exceeding $\frac{5}{16}$ in.	18 sq. in.

Medicated adhesive felt in any size remains chargeable under Class 19.

Class 21.—*Chargeable*: Adhesive stationery tape.

Genatosan Scholarship Competition.—Prizewinners in the 1940-41 scholarship scheme organised by Genatosan, Ltd., manufacturing chemists, Loughborough, are as follows: First prize (£50): Mr. P. W. Lang, 54 St. Thomas' Road, St. Annes-on-Sea, Lancs; second prize (£25), Mr. J. H. Ward, 99 Charlotte Road, Stirchley, Birmingham; third prize (£10), Mr. T. E. Dutton, 67 Kendal Street,

Wigan, Lancs; consolation prize (£5), Mr. E. H. Cattell, Tudor House, Tudor Drive, Oadby, Leics.

Inquests.—At an inquest at Bath, recently, on Mrs. Dorothy Fussell, who died in the Royal United Hospital, Bath, a verdict was returned that death resulted from an overdose of a drug accidentally administered, and that no blame attached to anybody. The patient died following convulsions commencing fifteen minutes after an injection of decicain, and it was ascertained that 1 per cent. instead of a 0.1 per cent. solution had been injected. The deputy coroner remarked that to err was human, and to make a mistake of 1 per cent. for 0.1 per cent. was easily possible.—A verdict of accidental death, resulting from an accumulation of medinal, was returned at Newport Pagnell, Northants, recently, in an inquiry into the cause of death of a woman patient of a nursing home. An amount of 18.3 grains had been found in the internal organs, but there was no evidence that the patient had saved up the tablets and killed herself.

In the Courts.—At Liverpool police court, recently, David McIlwain, aged twenty, described as a chemists' assistant, Cotswold Street, was fined £5 for taking a photograph of buildings damaged by enemy action.—At Old Street police court, London, on July 2, Albert Robert Downing, aged eighteen, a shop boy, 39 Eagle Wharf Road, Shoreditch, pleaded guilty to stealing 2,000 saccharin tablets, valued at 14s., the property of his employers, C. J. Hewlett & Sons, Ltd., manufacturing chemists, Shoreditch. He was placed on probation for twelve months.—At Portsmouth City police court, on July 4, Brays, Ltd., chemists, Milton Market, were fined £5 for selling certain preparations at 189 Eastney Road, Southsea, without being authorised sellers of poisons.—At the same court on July 4, Charles W. Carthy, M.P.S., was summoned for selling at 223 Albert Road, Southsea, Prominal tablets containing methylethylphenyl-malonylurea (a derivative of barbituric acid) not on and in accordance with a proper authorisation. Prosecuting solicitor stated that defendant told the woman who purchased the tablets that strictly speaking he should not have sold them to her without a doctor's prescription, and that in future she must have a prescription to obtain them. The case was dismissed on payment of costs.

Address on Pharmaceutical Policy.—Dr. Thomas Dewar (secretary, County of Middlesex Pharmaceutical Committee) spoke on "Policy in Pharmacy" to the Southgate and Wood Green Division of the North Metropolitan Branch of the Pharmaceutical Society recently. From a review of the disciplinary powers of the Pharmaceutical Society, and the lessons to be learnt from a recent appeal to the High Court from a decision of the Statutory Committee, he drew two deductions: 1, That in domestic matters affecting pharmacists and authorised sellers of poisons, the Pharmaceutical Society was master in its own house; and 2, that the High Court would be very loth to interfere with decisions of the Statutory Committee. A controversy was raging upon the extent of control that ought to be imposed upon authorised sellers of poisons. Some said that the present control should be maintained, while others argued for its relaxation, even to the extent of allowing chemists to sell drugs with the same freedom as other retailers. A strong argument in favour of the present position was that if, in the chemists' own shops, drugs were required to be sold under qualified supervision, this was a step towards attaining the ideal that drugs should never be sold except under qualified supervision. The argument that drugs should be sold only by pharmacists could be advocated by the Society more forcibly if the Society voluntarily restrained chemists from selling drugs except under proper supervision. Since its formation, membership of the Pharmaceutical Society

had changed fundamentally. Today it was predominantly an employee membership, while proprietor pharmacists constituted a minority, though a substantial one. The character of the membership has indeed changed more quickly than the objects of the Society, for the Society's object of protection was still limited to the protection of those who carried on the business of chemists and druggists. Since the inception of National Health Insurance, the dispensing of medicines under the scheme had been carried out in retail pharmacies. The pharmacist of the future might well ask, however, whether he would prefer to undertake this work as an employee in retail business or as an employee in the Civil Service. In time there might arise another major dispute between the companies and pharmacists. The companies might strive for retention of National Health Insurance dispensing in retail pharmacies whilst pharmacists, this time in the capacity of employees, might endeavour to secure that the work was performed in public dispensaries.

IRELAND

Red Cross Appointment.—Mr. E. M. O'Grady, M.P.S.I., has been appointed county divisional director of the Irish Red Cross Society for the city and county of Waterford.

Government Chemical Production in Eire.—An Emergency Scientific Research Bureau set up by the Eire Government some months ago is now producing ether for anaesthetic purposes and formalin, supplies of which were deemed likely to run short. The Bureau also claims to have made substitute materials of importance in at least six industries, and is carrying on research work to assist the dyeing, preserving and mineral-water industries with chemical substitutes for materials hitherto imported.

Northern Ireland War Distress Fund.—Under a committee consisting of Messrs. H. F. Moore, J. T. Nicholl, W. C. Tate and D. L. Kirkpatrick (secretary), representing the Pharmaceutical Society of Northern Ireland, and Messrs. John McDowell, John McGregor, W. J. Rankin and James McClenahan (secretary), representing the Ulster Chemists' Association, this fund has been launched to assist persons engaged in pharmacy in Northern Ireland who have suffered, or suffer, loss by reason of enemy action. A first list of contributions includes £500 from the Pharmaceutical Society of Northern Ireland and personal subscriptions totalling £348. Grants totalling £340 have been made to chemists who suffered in the recent raids on Belfast. The following are among the contributors:—£10 ros., Nicholl's Medical Hall, Ltd., Belfast; J. H. Moffatt, Belfast; and A. Boyd & Co., Ltd., Lisburn. £7 7s., S. Connor & Sons, Ltd., Newry. £5 5s., R. Andrew & Co.; Davidson & Hardy, Ltd.; Davidson & Murray, Ltd.; D. Gibson; J. N. Hogg; J.

McGregor; J. A. McRoberts; S. Suffern & Co., Ltd.; W. C. Tate Belfast; W. J. McAuley, Cookstown; Irish Chemists' Golfing Society, Dublin; James Glendinning, Londonderry. £5, J. J. Breakey; R. A. Mackintosh; D. O. Perry; C. A. Quinn; H. Todd; J. C. Young, Belfast; George Shannon, Castlewells; C. A. Wray, Cookstown; R. H. C. Harvey, Cullybackey; John Simpson, Dungiven; W. R. McNabb, Lurgan; O'Hagan & O'Hare, Newry. £3 3s., J. C. Acheson; S. Bolton; John Clarke & Co. (Successors), Ltd.; Gibson's Medical Hall, Ltd.; R. Gibson; R. Morrow; W. H. Mulholland; W. J. Rankin & Son, Belfast; J. J. McClean, Ballyclare; F. Corr, Newry; J. G. W. Boggs, Ltd., Portrush. £3, M. J. McConville, Crossmaglen. £2 2s., C. Abernethy; J. P. Bowden; J. Dundee; J. Guthrie; Miss A. Laverty; J. H. McCay; John McDowell; J. McKenna; R. McMullan; W. R. Stinson, Belfast; J. A. McMichael, Ballycastle; J. Donaghy, Ballymoney; H. C. McCracken, Banbridge; E. T. J. Gourley, Carrickfergus; F. W. Dodds, Crumlin; M. H. Jeffares, Donaghadee; P. J. Quinn, Dungannon; H. A. McDowell, Dunmurry; W. S. Taylor, Enniskillen; W. J. Heatherington, Hillsborough; Nelson's Medical Hall, Ltd., Lisburn; H. M. Kelly, J. F. O'Donnell, H. Sweeney, Londonderry; R. J. Martin, Maghera; H. J. Cousley, Magherafelt; W. J. Thornton, Newcastle; A. McClure, Newry; J. J. Mullan, Omagh; James Hill, Strabane; J. Kilpatrick, Londonderry; Prior & Co., Londonderry.

SCOTLAND

Representative Appointed.—W. R. Hatrick & Co., Ltd., Glasgow, have appointed Miss A. Morrison as their East Scotland representative, in succession to Mr. Sutherland.

Resignation.—Mr. Charles Stewart, M.P.S., has resigned from the Kirkcaldy Insurance Committee for health reasons. He is secretary of the Fife County Pharmaceutical Committee, and has been associated with the local pharmaceutical service under the Insurance Scheme from its inception. The service rendered by Mr. Stewart to the medical benefits subcommittee was warmly commended by the chairman at a recent meeting.

Prize Award.—At a recent meeting of the Royal Society of Edinburgh the Gunning Victoria Jubilee Prize was presented to Sir James Irvine (principal and vice-chancellor, St. Andrews University). Sir James, whose earliest original work was begun as an undergraduate at St. Andrews, had conducted researches into carbohydrate chemistry, and particularly into the constitution of the disaccharoses, including cane sugar, and of the polysaccharoses, including starch and inulin. Progress in these studies had been due largely to new and ingenious methods of procedure which Sir James himself had invented and applied.

TOPICAL REFLECTIONS

A Good Discussion.—The thanks of the trade are due for your editorial comment on the Pharmacy and Medicines Bill (p. 19), and for allotting so much of your limited space (pp. 13-16) to the observations of your readers. This Bill, like the burial of Ophelia in "Hamlet," is being put through with abnormal haste; and one may ask whether, if registered pharmacists had been affected by the Act of 1933 in the same way as co-operative societies have been, there would have been a similar eagerness in official circles to restore the *status quo ante bellum*. As Jowett pointed out in his introduction to the Gorgias of Plato: "Governing for the people cannot easily be combined with governing by the people: the interests of classes are too strong for the ideas of the statesman who takes a comprehensive view of the whole." In a recent leading article "The Times" pointedly expressed disapproval of this parliamentary hurry. Several of the points made by your contributors are important—for instance, the suggestion by Mr. G. C. Crummack on the position of a post office or sub-post office as a part of a business. Clause I (1) (e) (iii) appears to meet the difficulty raised by Mr. Harold E. Matthews regarding the assumption by "a new class of authorised sellers of Part II poisons" of designations for exhibition on their premises: the subclause, as I read it, negatives the use of any such designation. The main trouble confronting us is that while we are writing to THE CHEMIST AND DRUGGIST about such points, decisions in which we have little or no voice are being made over our heads.

The List of Ailments.—In one respect the Bill, as "Adest" has shown (p. 20), is unexpectedly modest: it curtails the list of ailments as agreed upon in the well-known Bill of 1936. More than one of your contributors has drawn attention to this feature. The list in the Bill printed in your issue of March 28, 1936, is: Bright's disease, cancer, consumption, diabetes, epilepsy, fits, locomotor ataxy, lupus or paralysis, amenorrhoea, hernia, blindness, any structural or organic

ailment of the auditory system; to which are added miscarriage and habits associated with sexual excess. I agree with the suggestion of Mr. R. Woolby Brooke that rheumatism—a complex group of diseases—should have been added to the present list. His mention of the fact that in the Royal Borough of Kensington, with a population, according to my latest Whitaker, of 175,686, no fewer than 132 persons are licensed to sell Part II poisons suggests the uncomfortable reflection that in less enlightened parts of the country the state of affairs may be proportionately worse.

"In Effect."—Was it by a calculated indiscretion that Mr. Melhuish let fall the remark (C. & D. Coloured Supplement, July 12, p. xiv) that the Pharmaceutical Society is "in effect a department of the Civil Service"? So urbane and experienced a councillor could hardly have intended to make our flesh creep; and yet . . . The remark, whatever its intention, shows how far some of us have travelled from the conceptions of the founders of the Society. The following passage is taken from the first address of the Council to the chemists and druggists of Great Britain, issued in July 1841: "Those among us who take a real interest in our scientific art rejoice at the opportunity which is now afforded of placing the 'trade' of a chemist and druggist on a professional footing, and effecting a union of our scattered forces for mutual benefit and advancement. By these means . . . all the collective influence we possess will become available in attaining the desired improvement among ourselves, and resisting encroachments or interference on the part of others. The Council are particularly desirous of overcoming the impression that a voluntary society cannot effect these objects." But if the Society's members are now in effect members of a department of the Civil Service (and no longer of a voluntary society), it is pertinent to inquire what benefits thereby accrue. Is the answer that for "in effect" we should read "as it were"?

Xrayser

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

PETER BRENT & Co., LTD. (P.C.).—Capital £100. Objects: To carry on business as dealers in drugs, spices, herbs, food products, etc. The directors are to be appointed. R.O.: 16-17 Devonshire Square, London, E.C.2.

B. LAWSON & Co., LTD. (P.C.).—Capital £1,000. Objects: To carry on business as chemists, herbalists, opticians, etc. Barry Lawson, 5 Yarrowburgh Street, and John J. Wilson, 95 Withington Road, Manchester, directors. R.O.: 5 Yarrowburgh Street, Manchester.

C. W. PEACH (CHEMISTS), LTD. (P.C.).—Capital £1,000. Objects: To carry on business as chemists, herbalists, dealers in toilet requisites, opticians, etc. Mrs. Margaret D. Peach, 1 Croft House Lane, Marsh, and John Holt, M.P.S., 30 James Street, Golgar, Huddersfield, directors.

LUCILLE DUVAL, LTD. (P.C.).—Capital £100. Objects: To carry on business as dealers in cosmetics, beauty preparations, perfumes, etc. William Ratnoff, Marple; Violet M. Allen, Blackpool; and Maurice Rubin, Cheadle, Cheshire, directors. R.O.: Brazennose House, 20 Brazennose Street, Manchester.

MALT, OIL & MINERALS, LTD. (P.C.).—Capital £100. Objects: To carry on business as animal-medicine, cattle-food, disinfectant and poultry-food manufacturers, manufacturing chemists, etc. Harold A. Best, director. Secretary, George H. Fowler. R.O.: Coronation Works, Victoria Street, Grimsby.

R. & W. PRODUCTS, LTD. (P.C.).—Capital £100. Objects: To carry on business as manufacturing chemists and dealers in foodstuffs. Ernest Robotham, M.P.S., 19 Heath Avenue, Littleover, and Stanley E. Wright, Ferncliffe, Bank Road, Matlock, directors. R.O.: North Street, Littleover, Derby.

DOLS' FLANNEL APPLIANCES, LTD. (P.C.).—Capital £100. Objects: To carry on business as manufacturers of and dealers in Dols' Volatile Liniment, etc. F. W. Kenny, 20-22 Wellington Street, London, W.C.2., Miller, and F. E. Bluff (addresses not stated), and A. H. Williams, The Old Barn, Goffs Oak, Herts, directors.

ORZONE (WHOLESALE), LTD. (P.C.).—Capital £1,000. Objects: To carry on business as health and other food specialists, herbalists, manufacturers and dealers in proprietary and other medicines, etc. Mrs. Grace I. Orr, Holyoake Walk, Ossulton Way, Finchley, London, N.2, and John McCleave, 189 Heathwood Road, Cardiff, directors. R.O.: 38-40 Royal Parade, Cardiff.

APPOINTMENT OF TRUSTEE.—R. G. Thomas, 11 Fisher Street, Swansea, has been appointed trustee for G. Grant, manufacturing chemist and fertiliser merchant, Gamrie, Cherry Grove, Sketty, Swansea.

VOLUNTARY WINDINGS-UP.—At a general meeting of Toja Products, Ltd., it was resolved that the company should be voluntarily wound up. Mr. D. C. Giddins, 112-114 Fenchurch Street, London, E.C.3, being appointed liquidator. A general meeting of Schering, Ltd., on June 23, resolved that the company should be voluntarily wound up. Creditors should send names, addresses and particulars of debts to H. J. Sier, liquidator, on or before September 1.

Bankruptcy.—WILLIAM PATRICK ARNOTT, M.P.S., 27 Castle Lane, Bournemouth, formerly carrying on business at 66a High Street, Poole, Dorset. The first meeting of creditors was held recently at Southampton, when a statement of affairs was submitted showing ranking liabilities of £6, with assets of £117, or a deficiency of £790. Debtor commenced business on his own account at Burslem, Staffs, in 1919, but disposed of that business in 1925, and moved to Poole, where he purchased a similar business at 92 High Street for £5,000, including the freehold property. For the first three years business proved successful, but afterwards competition affected the trading. Debtor opened two branch shops, which he placed under management. He sold one for £400. When a disagreement arose between the second manager and himself, a judgment was obtained for return of a loan of £300 made to him by his manager. In June 1933 debtor executed a deed of assignment; at that time his liabilities were £340, and a dividend of 2s. 3d. in the pound was paid. The branch business then ceased and the business at High Street, Poole, was sold, purchaser employing debtor as manager. In December 1938 debtor agreed to purchase the business for £487, and to rent the premises, but when the rent was increased he removed the business to 66a High Street, Poole. In addition he took other premises at 27 Castle Lane, Bournemouth, and opened another business there in March 1939. This was removed to Castle Lane in October, and finally closed in December 1939. Creditors had been suing and judgment was obtained against him. When his goods were sold under execution in May he filed his petition. He had kept books and accounts. The creditors passed a resolution for the appointment of E. Parkin S. Booth as trustee of the estate, with a committee of inspection.

Winding-up Petition Dismissed.—In the Chancery Division, on July 14, Mr. Justice Uthwatt heard a petition for compulsory winding up of Bailey & Smith, Ltd., chemists, Radlett, Herts, presented by Horace C. Bailey. The hearing followed a week's adjournment (C. & D. July 12, 17). For Mr. Bailey it was stated that the company had a capital of £1,500 in £1 shares, of which petitioner held 750 and Mr. Wendell Charles Smith the remaining 750. In substance there was a partnership, and the partners had fallen out. The business had been very successful; it ran two retail shops at Radlett. About January 1941, Mr. Bailey desired to sell his shares because he had other interests, and he informed Mr. Smith, who

was unable to buy them himself. The transaction was put into the hands of chemists' agents, who found a purchaser willing to give £1,150. Mr. Smith, who had a right of pre-emption, then raised objections and the sale went off. Mr. Bailey had to pay the agent's commission of £20, and he was faced with a claim for breach of contract by the intending purchaser. By insisting on his right of pre-emption under the articles, Mr. Smith had destroyed the confidence which should exist between two partners, it was claimed. For Mr. Smith, who opposed the petition, it was stated that the account of the transaction, as given for Mr. Bailey, was not accepted. Petition showed no ground for a winding-up order. So far as there was a deadlock it was entirely caused by Mr. Bailey, who refused, for no valid ground, to co-operate with Mr. Smith. Actually the business was still running smoothly. No allegation was brought against Mr. Smith which would justify a dissolution. Mr. Justice Uthwatt said that, assuming the facts as alleged by petitioner were true, all he had shown was that he had some ground for taking exception to what he thought was a shabby action by Mr. Smith, but he had not shown any reason why the company should not go on functioning as before. The petition would be dismissed with costs.

LEGAL REPORTS

Payment for Dental Equipment.—Judgment was given in the King's Bench Division, on July 2, in favour of Amalgamated Dental Co., Ltd., Piccadilly, London, W., against Hans Schindler, Portland Place, W., for £401 English currency equivalent of a price in reichmarks of dental equipment sold and delivered by the plaintiffs to the defendant in September 1935. The defence was that the goods had been paid for in Germany.

Giving judgment, Mr. Justice Tucker said the real question was whether there had been payment within the meaning of the words in the contract. Plaintiffs had not received the money. In 1935 they had an arrangement with the company called Ritter, in Germany, from whom they purchased goods required for their business; if the goods manufactured by Ritter's were in excess of plaintiffs' requirements they should be kept in store in Germany on plaintiff's behalf. When the defendant, a refugee from Germany who had set up a dental business in this country, approached the plaintiffs, a question arose as to payment for the equipment and, according to plaintiffs' case, it was agreed that payment should be made in reichmarks on defendant's assurance that he had free and unrestricted funds in Germany. Reichmarks were deposited in a German bank and paid into a suspense account by Ritter's pending necessary permission of the German authorities. Subsequently defendant was convicted of an offence under the German currency law and the reichmarks were confiscated. In those circumstances his lordship was unable to hold there had been payment to the plaintiffs for the goods, and he entered judgment accordingly.

Alleged Passing-off.—In the High Court, Dublin, on July 10, Aspro, Ltd., Moorgate, London, E.C., brought an action against J. E. Foster, trading as People's Popular Prescriptions, 62 Upper Stephen Street, Dublin. Plaintiffs claimed an injunction to restrain Mr. Foster from, as they alleged, passing off acetylsalicylic acid not of their manufacture as acetylsalicylic acid of their manufacture, and supplying in response for orders for "Aspro," under the name "Trueasp," acetyl salicylic acid not of their manufacture, without clearly indicating that it was not their manufacture. They also claimed damages. Mr. Foster denied that he had passed off as manufacture of Aspro, Ltd., acetylsalicylic acid which was not their manufacture, and stated that he prepared and marketed, as he lawfully might do, acetylsalicylic acid in tablet form under the name "Trueasp" made to the same or similar chemical formula.

Mr. Overend, K.C., for Aspro, Ltd., referred to leaflets which he stated had been issued by defendant, and said that one leaflet contained a list of 120 remedies, including "Aspro," and words indicating that the products sold by defendant were to compete with these remedies. He was not founding the case on that leaflet alone but on twenty-two instances of actual passing-off within a period of eighteen months. Plaintiffs had had purchases made at defendant's shops. "Aspro" was asked for and "Trueasp" wrapped up and supplied. Only on one or two occasions was there any reference to the fact that what was wrapped in the parcel was not what was asked for. Mr. C. W. Chesson, manager for Aspro, Ltd., in Eire since 1936, said they sold over twelve million tablets in Eire yearly.

Mr. Campbell, K.C., for Mr. Foster, said the last thing that Mr. Foster wanted the public to think was that they were buying "Aspro" or anything else. What he wanted them to think was that they were buying his products of "Trueasp," stomach pills, and so on. What he was selling was not "Aspro" but something in direct competition with it.

Mr. J. Foster, in evidence, stated that "Trueasp," pure and simple, was aspirin, and he had as much right to sell aspirin tablets under the name "Trueasp" as Aspro, Ltd., had to sell them under the name "Aspro."

The hearing was adjourned.

N.P.U. MEMORANDUM TO MEMBERS OF PARLIAMENT

THE following is the text of a memorandum that was sent by the Executive of the National Pharmaceutical Union to every Member of Parliament before the Pharmacy and Medicines Bill was discussed in Committee:—

Those engaged in the retail chemist business (both independent and multiples) wish you to know that the Bill as a whole has not been agreed or accepted by the trade, and your assistance in regard to the following matters in particular is solicited:—

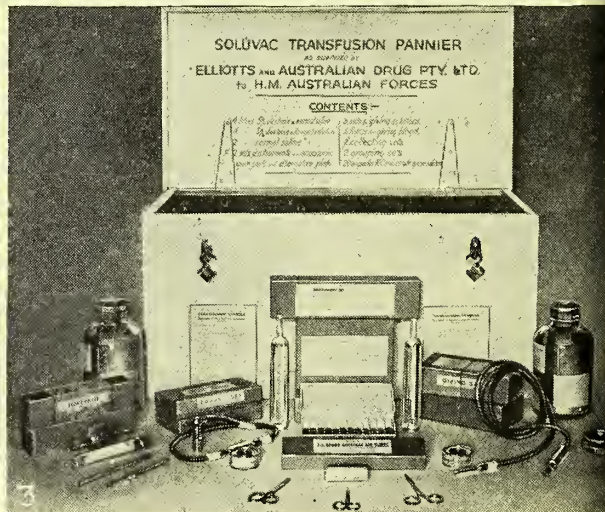
1. *Rejection of all the amendments in the names of Mr. S. J. Peters, LL.D., Mrs. Tate, Lieutenant-Colonel Sir Thomas Moore, and Sir Herbert Williams.*—These are all designed to give herbalists a statutory recognition they have never previously enjoyed, and this Bill should not be used for establishing such controversial claims, since the existing statutory position of herbalists is not affected by the Bill except in regard to disclosure of the contents of their medicines, which new requirement affects all parties alike, and to which retail chemists offer no objection if there is adequate disclosure in plain English. The claims of herbalists, their education and training, should be the subject of separate consideration by the House through a Bill introduced for the purpose of giving them such statutory recognition as the House then deems desirable. Clause 7, as it stands in the Bill, is the only one about which there has been any trade agreement; it places all parties in the same position under the "no medicine duty" conditions as they were under medicine duty; it is a compromise providing no compensation to any section.

2. *Control of the Proprietary Medicine Trade.*—This Bill does not control the proprietary medicine trade. It does no more than eliminate the disreputable section whilst providing the remainder with wider and freer opportunities for selling their goods, very largely to the detriment of the retail chemist. The large multiple chemists are very definite in their opinion that this is the case, and, along with the independent chemists, they ask for the protection of the chemist's professional and business interest. The repeal of the minimum duty of threepence on each proprietary medicine will relieve the manufacturers from a heavy financial payment, giving them an opportunity to market popular small-price packs and extend their distribution very widely. Removal of the vendor's licence duty will assist materially in this respect. Whilst in war-time the full benefit of this change will not be procurable by the manufacturers, the post-war period will give them that which they are anticipating. It is certain that, under these conditions, there will be, even during the war,

an increased demand for proprietary medicines which may easily cause shortage of drugs for prescriptions, with embarrassing results to doctors, chemists and the National Health Insurance authorities. Your support is, therefore, desired for a new clause to follow Clause 7, which would read as follows: "No person other than a person authorised under Subsection 1 of Clause 7 shall sell any article comprising a substance recommended as a medicine under a proprietary designation unless it was at the time of the passing of this Act being sold under that designation."

Such a clause would protect the existing vested interest of manufacturers and non-chemist retailers, but would prevent further development of that interest and lessen the tendency towards self-medication on the part of the public. It would provide retail chemists with some measure of compensation in the future for the present loss caused by the removal of the duty and the encouragement, thereby, of distribution of existing products through other channels. Retail chemists (both independents and multiples) are strongly of the opinion that the amendment down in the names of Mr. Arthur Duckworth, Sir Robert Bird, and Captain Elliston, suggesting a new clause giving the Minister of Health power to create a Board of Control for proprietary medicine, is very desirable, as it provides means for controlling the trade generally and removes any necessity for future legislation on this very contentious subject whilst giving adequate protection for the public and for the legitimate business of proprietary-medicine manufacturers. If that clause were mandatory and not permissive, and included power to control the channels of distribution, it would make this Bill a very effective instrument for its purpose. The present Bill is welcomed by the proprietary-medicine manufacturers, because it gives them great advantages. The effect of the Bill, as drafted, is to give the main body of proprietary-medicine manufacturers freedom from control, which is not desirable in the public interest. The provisions of Clause 1, relaxing in favour of co-operative societies the requirements of the Pharmacy and Poisons Act, 1933, are disliked by the entire body of retail chemists for obvious reasons. And that clause in itself provides further justification for the compensation of retail chemists by the additional provisions suggested above. The National Pharmaceutical Union speaks for approximately 9,000 (i.e. 90 per cent.) of the retail proprieter chemists in England and Wales; the Company Chemists Association, acting on behalf of the multiple chemists, includes Boots, Ltd. Taylors, Ltd., and Timothy Whites, Ltd.

NEWS IN PICTURES



Firm's Staff in Civil Defence.—Some of the staff of S. Maw, Son & Sons, Ltd., New Barnet, who have volunteered for Civil Defence duties. **2. Edison's Original Laboratory.**—The original laboratory of Thomas Alva Edison, United States scientist and inventor, as dismantled from Menlo Park, New Jersey, and reassembled at Greenfield Village, Dearborn, Michigan. **3. Australian Blood-transfusion Pannier.**—Soluvac blood-transfusion pannier as supplied to the Australian military forces by Elliotts and Australian Drug Proprietary, Ltd.

TRADE NOTES

WOAD SEED.—Mr. Charles Wass, chemist and druggist, 43 Spalding Road, Holbeach, Lincs, has available for distribution a supply of woad seed and will send a sample of it to any of our subscribers on receipt of a stamped addressed envelope.

SCHERING, LTD.—In connexion with the formal notice of the voluntary winding-up of this company (p. 25), we are informed that arrangements are in hand for the carrying on of the business, and that the Schering products will continue to be available as hitherto.

LIPSTICK REFILLS.—The manufacturers of Tryst lipstick, a new lipstick advertised in this issue, can deliver from reserves of stock any or all of six shades. Tryst lipstick is packed in attractive cartons, the contents of which will fit any standard size of container. Supplies are obtainable through wholesalers only.

SALES MAINTAINED.—British Alkaloids, Ltd. (manufacturers of T.C.P.), give an account in another page of the twelfth ordinary general meeting of the company, held on July 9. The report stated that sales had been maintained, and dividends as recommended by the directors (see *C. & D.*, July 5, p. 2) were approved.

EXEMPT FROM PURCHASE TAX.—Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1, announce that Angier's Supavite capsules, containing vitamins A, B₁, B₂, C, D and E with iron, calcium and phosphorus, are not now subject to purchase tax. Advertisements are appearing in many newspapers and periodicals.

A MEANS OF REDUCING SUGAR CONSUMPTION.—Howards & Sons, Ltd., Ilford, point out that the consumption of sugar may be reduced by addition of bicarbonate of soda in baking and in cooking fresh fruits, etc., and remind chemists that Howards' bicarbonate of soda is sold in 1, 2, 4, 8 and 16-oz. packages and in bulk.

PRICE LIST.—The 164-pp. July, 1941, price list of Burgoyne, Burbidges & Co., Ltd., London, E., is now available. The list covers drugs, chemicals and pharmaceutical preparations; concentrated solutions and mixtures; compressed tablets; pills; ampoules, lozenges and pastilles; toilet preparations; veterinary preparations, etc.

PRESCRIBED BARLEY SUGAR.—The statement is made in an advertisement by A. L. Simpkin & Co., Ltd., manufacturing chemists, Sheffield, 6, elsewhere in this issue, that they have received instructions from the Government to reserve a proportion of their output for urgent medical demands. A procedure to be adopted by chemists receiving prescriptions for glucose barley sugar, plain and with halibut liver oil, is outlined.

PHOTOGRAPHIC CHEMICALS BOOKLET.—A 28-pp. booklet describing the P.A.C. photographic fine chemicals has been issued by the distributors, Minox, Ltd., 5 Victoria Street, London, S.W.1, and copies will be sent, on request, to any chemist in business. The range of products includes special chemicals for use in photographic emulsions, developers and other photographic media which, prior to the war, were manufactured on the Continent and are now made in this country.

ALTERATION TO BONUS TERMS.—Despite present difficulties, bonus terms on Crookes' halibut oil are announced by the makers, The Crookes Laboratories (British Colloids, Ltd.), London, N.W.10, to be still available, subject to certain conditions. Bonus in kind is allowed only on four standard parcels of halibut oil (drops and capsules); every order for bonus parcels must be accompanied by cash; orders for quantities or combinations other than those stated, and orders received without cash, are executed without bonus in kind, which, moreover, is not allowed on other halibut oil products (Halycalcine, Halidexol, halibut ointment).

CHANGES IN STRENGTHS.—Glaxo Laboratories, Ltd., Greenford, Middlesex, announce certain changes in strengths of Berin products—the Glaxo preparations of aneurin hydrochloride, B.P. (vitamin B₁). The alterations are made in view of current tendencies to give large amounts of vitamin B₁ more economically. Berin injection is now available in 5-mgm. and 25-mgm. (forte) ampoules at the prices of the 2-mgm. and 10-mgm. ampoules, which they replace. Orders for 2-mgm. and 10-mgm. ampoules will be met until present stocks are exhausted. 3-mgm. Berin tablets are introduced at the former prices of Berin 1-mgm. tablets; prices of 1 mgm. tablets are greatly reduced.

NEW SERVICE TO EXPORTERS.—A new company, Groupage, Ltd., has been formed in London to provide exporters with a simplified service for the delivery of goods to steamers for export. The service is designed primarily for shippers exporting through Liverpool or London, but will be extended to other ports in due course. The advantages of the new service include the elimination of the small consignment as a unit for transport, as goods are grouped into loads at the receiving depot and delivered as a unit to the export steamer. Pre-entry at Customs is carried out in London instead of at the port of shipment, and one load, sorted according to port of destination, is sent to the docks instead of numerous small consignments. All the exporter is required to do is to deliver his goods to the company, who will attend to all formalities, transport and delivery f.o.b. or to destination overseas. Full particulars of the new service may be obtained from Groupage, Ltd., Universal House, Southwark Bridge, London, S.E.1.

Business Changes

METCALFE & Co., Ltd., chemists, have acquired shop premises at Western Avenue, Speke.

ASTRIN BROS., LTD., drug merchants, have removed to Stafford House, King William Street, London, E.C.4.

The practice of Elborne & Ellington, analysts, Peterborough, has been entirely taken over by Mr. Thomas McLachlan, A.C.G.F.C., F.I.C., who will run it in conjunction with his London laboratory. Mr. F. A. Lyne, B.Sc., F.I.C., who has been in charge of the Peterborough laboratory for

nearly a year, will remain at Peterborough. Samples may be sent either to 16 Park Road, Peterborough, or to 17 Bloomsbury Square, London, W.C.1.

Proprietary Articles Trade Association

Alterations to Protected List.—*Evans Sons Lescher & Webb, Ltd.*, Hawleys I.K. insect killer, 6d., 4s. doz.; 9d., 6s. doz.; 1s. 3d., 10s. doz.; 4s. 3d., 34s. doz. (exempt from purchase tax).—*Gilmont Products, Ltd.*, New-mix tooth-paste, 2s., 16s. doz. (tax, 5s. 2d. doz.), inclusive retail price, 2s. 4d.; G.P.D. (douche), 2s. 6d., 20s. doz. (tax, 6s. 6d. doz.), inclusive retail price, 3s. 0½d. Both products subject to 2½ per cent. for monthly settlement.—*Moore Medicinal Products, Ltd.* Entry on p. 171 of P.A.T.A. Year Book for 1941 has been amended, as follows: Brovon, ½-oz., 7s. 6d., 60s. doz. (tax, 10s. doz.), inclusive retail price, 8s. 4d.; 1-oz., 14s., 112s. doz. (tax, 18s. 8d. doz.), inclusive retail price, 15s. 7d.; 2-oz., 27s., 216s. doz. (tax, 36s. doz.), inclusive retail price, 30s.; 4-oz., 52s. 6d., 420s. doz. (tax, 70s. doz.), inclusive retail price, 58s. 4d. Brovon tablets, 25's, 3s. 6d., 28s. doz. (tax, 4s. 8d. doz.), inclusive retail price, 3s. 11d.; 100's, 13s. 6d., 108s. doz. (tax, 18s. doz.), inclusive retail price, 15s.; Haemovin ointment, 3s., 24s. doz. (tax, 4s. doz.), inclusive retail price, 3s. 4d.; Neda fruit cubes, three cubes, 6d., 4s. doz. (tax, 8d. doz.), inclusive retail price, 7d.; six cubes, 10½d., 7s. doz. (tax, 1s. 2d. doz.), inclusive retail price, 1s.; twelve cubes, 1s. 6d., 12s. doz. (tax, 2s. doz.), inclusive retail price, 1s. 8d.; twenty-four cubes, 2s. 6d., 20s. doz. (tax, 3s. 4d. doz.), inclusive retail price, 2s. 9½d.; Sperol, 3s., 24s. doz. (exempt from tax); Elopills, 3s., 24s. doz. (tax, 4s. doz.), inclusive retail price, 3s. 4d.; Bask tablets, 3s., 24s. doz. (tax, 4s. doz.), inclusive retail price, 3s. 4d.; Morovin tablets, 1s. 9d., 14s. doz. (tax, 2s. 4d. doz.), inclusive retail price, 1s. 11½d.; Ephosvin, 7s. 6d., 60s. doz. (tax, 10s. doz.), inclusive retail price, 8s. 4d.

PERSONALITIES

MR. JOHN E. HUGHES, M.P.S., F.B.O.A., 88 Brighton Road, Worthing, is now a first-class A.R.P.S. instructor in anti-gas, high explosive and incendiary fire-fighting. Mr. Hughes recently passed through the Falfield, Glos, school of the Ministry of Home Security.

MR. GEOFFREY CUNLIFFE has, at the invitation of the President of the Board of Trade, joined the Industrial and Export Council as a business member, relinquishing office as Aluminium Controller to the Ministry of Aircraft Production, though still available for consultation.

MR. P. GUTHLAC JONES, who was, until a few years ago, chemist in charge of the Board of Trade dyestuffs-testing laboratory, Manchester, has been appointed in a part-time capacity to succeed the late Mr. C. H. Heap as makers' technical adviser; makers' technical representative on the joint technical committee, Association of British Chemical Manufacturers and Colour Users' Association; and secretary, dyestuffs group, Association of British Chemical Manufacturers.

BIRTHS

BELL.—At Osterley, 25 Finchley Avenue, Chelmsford, Essex, recently, Margaret Elizabeth (*née* Simpson), the wife of Mr. George G. P. Bell, M.P.S., of a son.

DEATHS

GIBB.—Recently, Mr. Robert Gibb, M.P.S., Fairholm, St. Mary's Avenue, Crook, co. Durham. Mr. Gibb qualified in 1904.

GIBSON.—Recently, Miss Mary Gibson, Ph.C., Malvern, Delgany, co. Wicklow, aged ninety-one. Miss Gibson passed the Minor examination of the Pharmaceutical Society in 1891 and the Major in 1893.

JACKSON.—Recently, Mr. Thomas Arnold Jackson, M.P.S., 153 Greyhound Road, Hammersmith, London, W.6, aged forty-three.

MATHIESON.—On July 8, Provost Robert Mathieson, M.P.S., 31 High Street, Innerleithen. He was well known as the principal director of Robert Mathieson (Innerleithen), Ltd., which he established.

SWEENEY.—At St. Anne's, Barrhead, on July 6, May Patricia, third daughter of Mr. James Sweeney, M.P.S., 94 Cross Arthurie Street, Barrhead, Glasgow.

TEUNION.—On June 30, Mr. James Teunion, M.P.S., Coatbridge. Mr. Teunion qualified in 1913.

WILLCOX.—At 40 Welbeck Street, London, W.1, suddenly, on July 8, Sir William Henry Willcox, K.C.I.E., C.B., C.M.G., M.D., medical adviser to the Home Office since 1919 and consulting physician to St. Mary's Hospital, London. Sir William was an authority on poisons. His medical training was received at St. Mary's Hospital Medical School, where he was senior scholar and where he gained the Cheadle gold medal for research in clinical medicine. At London University he was gold medallist in anatomy, organic chemistry, materia medica, and therapeutics and forensic medicine. His qualifications were M.D., B.Sc. (London), D.P.H., F.R.C.P. (London), and F.I.C. At St. Mary's Hospital he was lecturer on chemical pathology from 1900 to 1930, and on forensic medicine from 1906 to 1935. He was president of the Harveian Society, of the West London Medico-Chirurgical Society in 1923; of the Medico-Legal Society in 1928-29; of the Harveian Society of London in 1922; and of the Medical Society of London in 1936-37. In 1935-36 he was Master of the Society of Apothecaries, and he was a Fellow of the Royal Society of Medicine. From 1928 to 1934 he was examiner in pharmacology and therapeutics to the University of Cambridge. He was visitor for the Privy Council to the examinations of the Pharmaceutical Society of Great Britain, and a frequent contributor to the medical Press.

YOUNG.—On July 1, Mr. Joseph Young, M.P.S., 97 Eastbourne Avenue, Gateshead-on-Tyne, aged thirty-six.

STOCK



John Bell's **ANTI-DIM OUTFIT**

Each Retail **7¹/₂ Id.**
 TRADE PRICE
 5/- per doz. Free of tax

Prevents fogging of respirator eyepieces. Can be used for both civilian and civilian duty masks.

JOHN BELL HILLS & LUCAS LTD
 OXFORD WORKS, WORSLEY BRIDGE ROAD, S.E. 26

STABILISED CHLORAMINE GERMICIDE

DYGERMA

Bottles 1/6 and 2/6, Gallons 15/-, Tax Extra

Stocked by Principal Wholesalers

MATTHEW'S LABORATORIES, LTD., CLIFTON, BRISTOL, 8

Dr. JENNER'S
ABSORBENT LOZENGES
Brand Digestive Tablets
 PRESCRIBED BY GENERATIONS OF PHYSICIANS

For special BONUS TERMS
 Write to
 Savory & Moore Ltd.
 Standard Works,
 Lawrence Road,
 Tottenham, N.15

HALIBUT-LIVER OIL
 IN BULK
H. R. NAPP LIMITED,
 3 & 4, CLEMENTS INN, LONDON, W.C.2.

for use in COSMETICS
of all kinds

- Emulsifying agents
- Compound Perfumes
- Stearates

of our own manufacture

A. BOAKE, ROBERTS & CO. LTD.

Abrac Works

LONDON, E.15

Telegrams: Booke, Phone, London.

Telephone: Buckhurst 1133 (6 lines)

EXTRA RECTIFIED **BURROUGH'S**
ALCOHOL
FOR PERFUMERY
 Write for Prices
JAMES BURROUGH Ltd., 1 Cale Distillery, Lambeth, S.E.11

TRAGACANTH
SPECIALISTS IN B.P. POWDER
 Also Technical and Industrial qualities. All Grades of Whole Flakes as imported. Samples and prices on request.
FREUDENTHEIL, SMITH & Co., 17 Philpot Lane, London, E.C.3
 Tel. Address: 'Freudenrut' Tel.: MANSion House 1924 & 6600 Estd. 1826

WANT RAZOR BLADES?
Get **MULTISHAVE SHARPENERS**
"Give New Life to Old Blades"
10/- per doz. plus Tax. Retail 1/6 each
MULTISHAVE COMPANY, FORTRESS GROVE, LONDON, N.W.5. PHONE GULLIVER 1467.

ESTABLISHED 1793
ATKINSON & BARKER'S
INFANTS' PRESERVATIVE
 The Best and Safest Infants' Medicine of 140 years' standing.
 Does not contain any Scheduled Poison.
ROBERT BARKER & SON, LTD.
 13 WESLEY ST., C. on M., MANCHESTER

PARLIAMENTARY NEWS

Purchase Tax Recovery.—Mr. Touche asked the Chancellor of the Exchequer on July 1 whether a retailer could recover purchase tax paid on articles destroyed by accident or so damaged as to become unsaleable? The reply was that the retailer must look for compensation under his insurance policy.

Bombed-out Traders.—Captain Plugge asked the President of the Board of Trade on July 1 whether he could make any statement on the proposal to establish marquee markets to enable bombed-out traders to continue their business after raids. Captain Waterhouse, in reply, said he could not speak for food shops. So far as other shops were concerned, the Minister was not prepared to make any statement on the matter at present.

Rationed Supplies to Small Shops.—Mr. Rhys Davies asked the Parliamentary Secretary to the Ministry of Food on July 9 whether it was proposed to deprive small shops of supplies where the number of rationed customers was below twenty-five; whether the proposal was to apply equally to branches of large stores; and to what type of shop those customers would be transferred?

Major Lloyd George: Yes, sir. Retailers, including branches of large stores, who have not more than twenty-five registrations for a rationed commodity, will not be permitted to sell that commodity. The customers affected will be allowed to re-register with another retailer.

Mr. Stephen: Will any compensation be arranged for the small shops? Major Lloyd George: I do not know what sort of compensation the hon. Member has in mind, but if he will look into the matter he will see that it will affect relatively few people.

Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, will be closed on Saturdays until further notice. All urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER — WHOLESALER — MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, The British Empire and all foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXXXV

July 19, 1941

NO. 3206

CONTENTS

	PAGE		PAGE
Births	27	News of the Week ..	23
Company News ..	25	N.P.U. Memorandum to M.P.'s	26
Correspondence ..	34	Personalities	27
Deaths	27	Parliamentary News ..	28
Editorial Articles:—		Pharmaceutical Society of Ire-	
Proprietary Medicines ..	29	land	31
We Heartily Agree	29	Recent Research	31
Concentration of Industry ..	29	Topical Reflections ..	24
Legal Reports	25	Trade Notes	27
Miscellaneous Inquiries ..	34	Trade Report	32
News in Pictures	26	War-time Cosmetic Formulas	30

Proprietary Medicines

SEPTEMBER 2, 1941, will see the end of the medicine stamp duties, an event which will be welcomed by many manufacturers but may be looked upon as a doubtful blessing by certain others, particularly those who have not hitherto disclosed the formula of their proprietary. Considerable doubt exists in the minds of a number of makers as to whether disclosure entails publication on the wrapper and the label of the full formula, together with the quantities; also whether the constituents must be printed in English, Latin or otherwise, and whether the amounts may be shown as percentages, or stated in avoirdupois or apothecaries' measure. The Bill is not clear on these points, but the matter is likely to be elucidated in the Committee stage, as amendments are to be moved by private members to have the statement of the contents of the medicine printed in English or in terms comprehensible to the general public. Other interesting amendments to be put forward at this stage involve a control scheme operated by a Board, and a register of proprietary medicines and their manufacturers. It is suggested that registration of a medicine should be refused or withdrawn where the Minister of Health, on the recommendation of the Control Board, is satisfied that a medicine should not be on sale because of its objectionable composition, price or unreasonable claims for its therapeutic properties.

Section 7 of the Bill is perhaps the one which is exercising the minds of the trade more than any other at the moment. It does not directly affect chemists, but is of great importance to those manufacturers who sell proprietary remedies through other traders than chemists, and also to such unqualified retail traders. In considering the position it must be borne in mind that the intention behind the Bill is patently to recognise legally what is current practice today, and to stabilise the position. As the Minister of Health said on the Second Reading of the Bill: "The effect of the agreement is to substitute a trading privilege for the financial advantage enjoyed by chemists under the present law, and at the same time to enable the normal channels to continue to be used for the sale of proprietary medicines." The Section begins by stating that no person other than a doctor, dentist, authorised seller of poisons or a person who has served a regular apprenticeship to a chemist and is already in business on his own account for the retail sale of drugs may sell a substance recommended as a medicine. Without modification this would have drastically curtailed the sale of proprietary remedies, but the position is changed by the subsection 5. This provides that any person not in the above-mentioned categories charged with selling a proprietary remedy may avail himself of certain defences. He is required to prove that the article concerned was sold in a shop, that it was sold under a proprietary designation, and, in addition, one of three other facts. The first of these alternatives concerns a product not described in the British Pharmacopœia or the British Pharmaceutical Codex and the other two operate if the substance has been described in a monograph in either publication.

The meaning of the paragraph dealing with the defence when the

product is not in the Pharmacopœia or Codex is somewhat obscure and will probably be clarified during the passage of the Bill to the Statute Book, but the position aimed at would appear to be that set out in Annexure 2, Schedule 1, of the memorandum submitted to the Chancellor of the Exchequer (*C. & D.*, April 12, p. 327) which stated: "Provided that the inclusion (subsequent to the passing of this Act) in the monograph of the B.P. or B.P.C. of the formula as a proprietary medicine shall not affect the status of the proprietary medicine within the meaning of this Act." It would seem therefore that the wording of subsection 7 (1) (a) could be paraphrased somewhat as follows:—

That the substance recommended as a medicine which the article consisted of or comprised was not described in any of the monographs contained in the edition of the British Pharmacopœia or British Pharmaceutical Codex which was last published before the passing of this Act, or in the edition of the British Pharmacopœia or British Pharmaceutical Codex which was last published before the date on which the substance was first sold by retail under the proprietary designation, whichever edition is the later.

In the event of a product being described in a monograph of either publication the accused can avail himself of the defence that he has not used in connexion with the article, in addition to the proprietary designation, any word forming part of the description at the head of the monograph. It can also be a defence that, although the proprietary article is the subject of a monograph in the B.P., 1932, or B.P.C., 1934, it is ordinarily being sold by retail under the title, and that although the same proprietary designation is used, not more than two articles are sold under the title, either of which may be described in any other monograph of the B.P. or B.P.C.

This part of the Act has also caused considerable concern to medical herbalists, who have been busy lobbying Members of Parliament and conveying the idea to the public that the Act in its present form is likely to drive them out of business.

We Heartily Agree

The London and Liverpool Chambers of Commerce, jointly, have recently been in correspondence with the Minister of Food (Lord Woolton) on the subject of limiting retail trading, and some of the observations in the Chambers' letter, dated July 10, are illuminating and touch upon a matter which is now very much in the minds of chemists in retail business. The Minister of Food had previously declined to accede to the Chambers' suggestion that traders (in this instance those retailing foodstuffs) should be licensed and that the licence should be granted only to those traders who dealt in this class of goods before the war. In the course of their communication in support of their case the Chambers say: "... the principle of limiting trade to those engaged in it before the war has been accepted by your Department as well as by other Government Departments." If the Chambers' claim is correct, why is it that the Government at this moment is engaged in promoting legislation—the Pharmacy and Medicines Bill—the main effect of which will be to authorise the extension of the sale retail of packed drugs by all classes of traders, which will, of course, include purveyors of foodstuffs, confectioners, tobacconists, barbers and any other retail trader who may think it worth while to supplement his pre-war trading activities with a side-line in proprietaries? If grocers, through the Chamber of Commerce, succeed in convincing Lord Woolton that it is in the public interest to adopt the policy of "every man to his trade" in connexion with the distribution of foodstuffs, we submit that a claim for the adoption of the same policy in respect of the sale of packed drugs is overwhelming.

Concentration of Industry

Considerable progress in the scheme for the concentration of industry was announced by the President of the Board of Trade on July 15 in reply to a question in the House of Commons. The Board, said the President, was now hastening the completion of the concentration measures by itself nominating nucleus firms. The invitation to conclude agreements for concentration contained in the white paper of March last had evoked a very satisfactory response. Altogether nearly 110,000 workers had been released or were being made available for release under arrangements now in hand in the industries concerned. The factory space that had been placed at the disposal of the Controller-General of Factory and Storage Premises totalled some sixteen-and-a-half million sq. ft. A considerable proportion of this space would be immediately available for war production or storage dispersal purposes. The period allowed for the submission of voluntary schemes on the basis prescribed in the white paper had now come to an end. In some of the lesser industries the results aimed at had been substantially achieved, and gratifying progress had been made in large sections of the more important industries affected by the Limitation of Supplies Order or by the rationing of raw materials.

WAR-TIME COSMETIC FORMULAS

IX.—Shampoos, Waving Solutions, etc.

Shampoos.—Although the newer forms of soapless shampoos have gained wide popularity during the past few years, a steady demand still exists for the older types of liquid soap shampoos, particularly in areas which are supplied with soft water. Soap shampoos consist essentially of a clear, aqueous, slightly alkaline solution of soap. The soap content varies, but is usually in the region of 20–25 per cent. Opinions vary as to whether the detergent property of a soap depends on its lathering capacity, but the lay impression that this is so is an argument in favour of formulating the shampoo to produce a copious lather on the hair. Lathering power of a soap shampoo depends on the amount of both alkalis and oils used in its preparation. While the sodium salt of palm oil fatty acid is hard and almost insoluble, the potassium soap is a thick liquid, and the triethanolamine soap is a semi-solid, the two last-named giving a lather of small bubbles. The sodium salt of myristic acid is solid and gives a good lather, while the potassium and triethanolamine myristates are thin liquids, producing a heavy lather. Solutions of the coconut-oil soaps are thin and quickly produce a rich lather. The sodium soap of olive oil fatty acid is semi-liquid, with moderate lathering power, while the potassium soap is a thick liquid, which lathers well, and the triethanolamine soap is thinner with even better lathering property. Soap solutions for shampoos are prepared by splitting up the fats or oils with alkalis by two methods. (1) In the cold method, the fats are melted and mixed with the slightly warmed alkali solution, saponification proceeding by allowing the mixture to stand for about twenty-four hours. (2) In the hot method, which is preferable, the melted fats are heated with the hot alkali solution until completely saponified, neutrality being tested by an indicator such as phenolphthalein. In calculations of the amounts of oils and alkalis required for the shampoo, variations in commercial qualities of these materials should be taken into account, the saponification value of the fat and the purity of the alkali being of importance for accurate formulation. [Saponification = K.O.H. in mgm. required to combine with 1 gm. oil. 1 gm. K.O.H. \equiv 0.714 gm. NaOH \equiv 2.4 gm. (approx.) triethanolamine. 1 gm. coconut oil (sap. val. 250) + 0.25 gm. K.O.H. \rightarrow 1.15 gm. coconut-oil soap (approx.).] Although coconut-oil soap used alone gives a satisfactory lathering shampoo, its harsh qualities are often modified by the addition of other oils and caustic soda often supplements the caustic potash to thicken the solution.

Soapless Shampoos.—An advantage of soapless shampoos over the older soap solutions is that the former do not produce the sticky alkaline-earth-insoluble soaps with hard water. Soapless shampoos are of two kinds; those which produce a lather in use, and those which do not. The former are solutions of synthetic detergents, while the latter are usually mixtures of sulphonated oils. In the non-lathering type, sulphonated castor oil is largely used with the addition of varying amounts of sulphonated olive oil. To counteract the excessive drying effect of these compounds, a little mineral oil is usually added. Water can also be added to the mixture to produce a more economical product. The finished

product should be neutral or very slightly acid in reaction. The hair should first be properly wetted with water, then thoroughly rubbed with the shampoo and fully rinsed with clean water. Several synthetic substances are normally available under trade names for the lathering type of soapless shampoo, but difficulty may be experienced at the moment in obtaining some of them. To overcome the tendency of certain detergent compounds to remove too much oil from the hair, small amounts of compounds such as cetyl alcohol and sulphonated oils have been added to shampoos. One such, sold under a well-known trade name, is believed to be a mixture of sodium salts of the acid sulphates of the alcohols (chiefly dodecyl alcohol) obtained by the hydrogenation of coconut oil or its free fatty acids. The compound is a light-weight, white powder that dissolves in water giving a frothy solution resembling that of soap (pH about 7), producing no precipitate of calcium salts when used with hard water. The compound is available commercially in powder or paste form, and is used in the strength of about 10 gm. in 20 oz. of solution. Its triethanolamine derivative is used in liquid shampoos. Vegetable extracts can be incorporated.

Permanent-waving Solutions.—When hair is heated, the keratin is partly broken down, allowing the hair to assume curly shapes. This effect caused by heat can be accelerated by the use of alkaline solutions on the hair. After the waving solution has remained on the hair for the required time, it is washed off and neutralised with an acid rinse. Cooling and rinsing the hair with acid arrests the softening and stretching effects of the heat and alkali, enabling the hair to retain the waves produced. Care must be taken not to have the alkali content of the solution too high to irritate the scalp. If any colour is used, an alkali-fast dye should be selected. Ingredients such as glycerin and sulphonated oils are sometimes added to soften the hair and reduce excessive dryness following the waving process. For oily, fine or bleached hair, formula No. 11 is preferable. A more universal type of solution is of the kind resulting from formula No. 12 below. It should be remembered that dyed hair may assume strange colours following the application of permanent-waving solutions.

Rinses.—These are simple, aqueous solutions of mild acids, usually organic acids, suitably coloured and perfumed. In the case of the colour rinses, these can be sold in solution or as powders; they contain various cosmetic colours according to the shade of hair to be treated. For powder rinses, the water-soluble cosmetic dye is mixed intimately with the organic acid—about 1 per cent. dye in citric or tartaric acid being a convenient strength.

Setting Lotions.—These quick-selling products can be made easily and cheaply from simple ingredients normally kept in the pharmacy. Various types are popular, such as spirituous, alkaline, or mucilaginous. Among the ingredients used in the mucilaginous type are tragacanth, acacia, karaya, gelatin, quince, Irish moss, alginates, pectin, etc. It should be remembered that pectin is incompatible with alkaline carbonates. Preservatives should be added to all preparations of this nature containing mucilages, and the hydroxybenzoic acids are suitable, 0.1 to 0.25 being used.

SHAMPOOS	
<i>Liquid Soap</i>	
1. Coconut oil	24.2
Potassium hydroxide ..	6.3
Borax	0.3
Water	69.2
2. Coconut oil	25.0
Potassium hydroxide ..	2.8
Sodium hydroxide	2.5
Alcohol	12.5
Water	57.2
3. Coconut oil	6.7
Palm oil	6.6
Peach kernel oil	3.3
Potassium hydroxide ..	4.2
Alcohol	4.2
Water	75.0
<i>Soapless Liquid</i>	
4. Sulphon. lorol liquid TA	30
Conc. inf. of chamomile	10
Water	to 100
<i>Soapless Cream</i>	
5. Stearyl alcohol	2 dr.
Sulphonated lorol TA	1 oz.
Mucilage of tragacanth	$\frac{1}{2}$ oz.
Water	1 $\frac{1}{2}$ oz.
Melt the stearyl alcohol in a little warm water and stir in the lorol and the rest of the water.	

6. Sulphonated lorol ..	10.0
Tragacanth flake	3.0
Glycerin	5.0
Starch	10.0
Talcum	15.0
Water	to 100.0
<i>Soap Powder</i>	
7. Borax	100 gm.
Extract of chamomile	25 gm.
Mix, dry the mixture at a gentle heat, and reduce to powder; then add	
Powdered soap	900 gm.
Oil of chamomile	0.3 gm.
<i>Soapless Powder</i>	
8. Sulphonated lorol ..	40.0
Borax	20.0
Boric acid	20.0
<i>Dry Shampoo</i>	
9. Powdered potash soap	50.0
Sodium sesquicarbonate	10.0
Potassium carbonate ..	3.0
Borax	37.0
<i>Liquid Dry Shampoo</i>	
10. Potassium carbonate	12 oz.
Dry extract of quassia	1 oz.
Saponin	2 dr.
Water	2 gall.
Industrial spirit	3 gall.

PERMANENT-WAVING SOLUTIONS	
11. Sodium sulphite	10.0
Ammonium carbonate ..	8.0
Ammonia solution, 10%	5.2
Glycerin	0.5
Powdered acacia	0.5
Water	107.0
12. Powdered borax	6.0
Sodium carbonate mono-hydrate	1.0
Sodium sulphite	4.0
Ammonium carbonate ..	8.0
Glycerin	1.0
Sulphonated olive oil ..	2.0
Water	106.0
13. Potassium carbonate ..	1 $\frac{1}{2}$ oz.
Borax	1 dr.
Water	20 oz.
Colour	as required
<i>Lemon Rinse</i>	
14. Citric acid	10.0
Tartaric acid	10.0
Alcohol	40.0
Water	39.75
Perfume	0.25

SETTING LOTIONS	
<i>Quince seed</i>	
15. Quince seed	2.25
Propyl parahydroxybenzoate	0.1
Industrial spirit	0.3
Water	97.1
Perfume	0.25
Add the quince seed to water (80°C.), strain off the mucilage after about six hours, and add the other ingredients.	
<i>Acacia</i>	
16. Acacia, in powder ..	0.3
Borax, purified	8.0
Isopropyl alcohol	10.0
Water, distilled or rose, to	100.0
<i>Alkaline</i>	
17. Potassium carbonate ..	2 dr.
Borax	2 dr.
Isopropyl alcohol	5 oz.
Water to	20 oz.
<i>Spirituous</i>	
18. Tincture of benzoin ..	1 oz.
Glycerin	2 dr.
Industrial spirit	20 dr.
Water	7 oz.

PHARMACEUTICAL SOCIETY OF IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on July 8, the President (Mr. P. C. Cahill) in the chair. Other members present were Messrs. J. Gleeson, F. J. Fitzpatrick, P. A. Brady, C. J. Cremen, M. J. Kieran, P. Brooke-Kelly, P. J. Fielding, B. P. Hickey, J. A. O'Rourke, M. J. Parkes, T. C. Scott; Dr. J. A. Mitchell, Sir T. Robinson; and Miss F. M. Flood.

Ointment Bases.—Arising out of the minutes of the June meeting, the President informed the Council that he had discussed with Mr. Donald Boyd the question of finding substitutes for ointment bases, several of which were now becoming unprocureable. The position now was that not only could they not get the materials for those ointment bases, but the all-important ingredients for the ointments, such as zinc oxide and boric acid, were also becoming unobtainable.—MR. P. BROOKE-KELLY: You will have to look for substitutes.

Preliminary Examination Regulations.—THE REGISTRAR (Mr. J. J. Kerr) read the following letter from the Assistant Secretary, Department of Justice: "I am directed by the Minister for Justice to refer to previous correspondence regarding the regulations for the Preliminary Examination and to return herewith copy of the resolutions of the Council amending the regulations with the Minister's approval endorsed thereon." The registrar reported that two of the seven proposed regulations sent forward to the Minister had not been approved. The first of these regulations proposed to make it obligatory on and after November 1, 1942, upon apprentices applying for preliminary registration to have matriculated in Irish, English, Latin, mathematics, and physics. The change now proposed was to make physics an obligatory subject. The Minister had deferred taking a decision on this matter until he had the opinion of the Department of Education on the suggested change. With regard to resolution No. 4, which proposed to restrict the number of apprentices, or pupils, which a pharmacist might take, this resolution, the REGISTRAR explained, had been held to be *ultra vires* and had not been approved by the Minister. The terms of the resolution were as follows: "That the following new regulation (No. XIX) be inserted after Regulation XVIII (page 81 of the Book of Acts and Regulations): On and after July 1, 1941, the number of pupils that may be employed in any shop shall not exceed one where there is one pharmaceutical chemist, or licentiate apothecary whole time engaged in said shop. When there is more than one pharmaceutical chemist, or licentiate apothecary engaged whole time, the number of pupils that may be employed shall not exceed one for each pharmaceutical chemist, or licentiate apothecary so engaged. For the purposes of this Regulation, the description 'pupil' shall mean and intend a person serving an engagement of four years, or two or more lesser terms amounting to four years, as an Apprentice or Assistant as required by Regulation III (pages 71-73 of Book of Acts and Regulations), or in accordance with the requirements of Sections 8 or 10 of the Pharmacy Act (Ireland), 1875, Amendment Act, 1890. This Regulation shall not apply to apprenticeships commenced before July 1, 1941, provided that they are registered in accordance with the Regulations III and XII, as amended, within sixty days of the said date."

MR. FITZPATRICK said that in view of the Minister's statement that this last resolution was *ultra vires*, they could not give the matter too much publicity in their reports, because a lot of people were making unjust attacks on the Council over this question. Wishful thinking would not get them anywhere against Acts of Parliament, and it ought to be made clear now that the Council could not do anything. It really boiled down to this, that the remedy lay in each chemist's own hands. He need not take any apprentices.

MR. O'ROURKE asked what about the man who took two or three apprentices.

MR. FITZPATRICK said if such a man took the point of view of a sensible man, he would not take them. He knew the moment they sent that resolution to the Minister that it was *ultra vires*, and could have told the Council so, but he wished to give them an opportunity of trying out the position.

THE PRESIDENT: If we have got to depend on everybody taking up that attitude, we would not want any law at all.

MR. O'ROURKE: I think there should be some rule which would apply to all. It is no use leaving this to each one's voluntary act. There are a great many people who will do nothing like this voluntarily.

THE REGISTRAR mentioned that he intended to publish a notice in the daily Press with regard to the regulations approved, and to point out that these new regulations were something entirely apart from the preliminary registration; and, further, that if an apprentice did not furnish the particulars required under the new regulations, his apprenticeship would not count. One other matter he wished to emphasise, and that was that apprentices should send in the name on their birth certificate. No other name could be legally accepted for registration purposes.

MR. BRADY thought it would be helpful if the Irish Drug Association, through its circulars, drew attention to these new regulations, even though the obligations were on the apprentices rather than the employers.

MR. CREMEN suggested notifying apprentices who had already received preliminary registration, and MR. PARKES favoured notifying all licentiates.

MR. FITZPATRICK said if the matter was left to Mr. Kerr and the office, nothing would be left undone to notify apprentices of the new regulations.

MR. CREMEN: That is all we want.

MR. O'ROURKE: In the report of this discussion, it might be no harm to show that apprentices would have a cause of action against their

employers if the employers failed to notify them of their obligations under these regulations.

THE PRESIDENT: Well, what about this restriction of apprentices regulation?

MR. FITZPATRICK: We all think there are too many apprentices in the business, and we are all sympathetic to the objects of this regulation; but I am charged with wanting to fill the place with students in order to have a satisfactory balance sheet. That is not so. I am a bread-and-butter pharmacist, and I would like to see one-tenth of the number coming in. If the chemists have common sense they will not take in any more apprentices, and we will not have them coming in.

The Council agreed to explore the matter further to see, by way of amending legislation, or otherwise, how far it would be possible to restrict the entry of apprentices as envisaged in the regulation, which had not been approved.

Difficulty over Subpoena.—THE REGISTRAR drew the Council's attention to a case which had been reported to him in which a solicitor served a subpoena on a pharmacist in the afternoon to appear as a witness in a High Court case the next morning. The pharmacist in question was in the dilemma of choosing between leaving the pharmacy without a qualified person in charge, or not answering the subpoena, and had got in touch with him to ask his advice. He advised the pharmacist, who could not get a qualified substitute at such short notice, not to attend, but to write to the Court explaining the position, and intimating that if reasonable notice were given it would have been possible to attend by arranging for a substitute to carry on the business.—It was decided to obtain the law adviser's opinion on the matter.

Other Matters.—MR. M. L. Cashman, M.P.S.I. notified his change, of address to Post Office Buildings, Rathmines, Dublin.—The following who submitted matriculation certificates were granted preliminary registration: Misses E. M. McMahon, C. Golden, M. T. O'Driscoll; and Messrs. G. F. Alley and M. O'Donoghue.—The reports of the House, Law, Schools, Certificates, and Declarations Committees were submitted and approved. The report of the last-mentioned showed that forty-four candidates presented themselves for the July Licence examination, and two candidates for the Registered Druggist examination, both of whom passed.—On the motion of MR. GLEESON, seconded by MR. SCOTT, it was agreed that the fees for repeating classes be fixed as follows: Chemistry, £4 4s.; Pharmacy, £4 4s.; Botany and Materia Medica, £1 11s. 6d.—The following were elected members of the Society: Messrs. E. L. Grubb, P. J. Dalton, and P. B. Joy.—MR. R. J. Sinnott, c/o 43 The Quay, Waterford, was nominated for membership.—The Licence certificates of the following were signed and sealed: Eugene Joseph Browne, Margaret Rose Maguire, and Matilda Margaret Walshe.

At a meeting of the Benevolent Fund Committee, held after the Council meeting, one grant was passed for payment.

RECENT RESEARCH

A New Buttermilk.—A new form of buttermilk with important advantages has been introduced by Professor Daniel B. Smillie (Dairy School for Scotland). Since mechanical separation of cream was introduced buttermilk has ceased to be an attractive dish to the average consumer, but available supplies have been absorbed in the baking industry and the present discovery offers the prospect of a greatly increased supply. The discovery consists of extracting albumen from the whey and subjecting it to treatment which imparts a fresh white colour to the product, and all the pungency of flavour that is associated with natural buttermilk of the days before mechanical separation. The new buttermilk is produced in the ratio of 1:6 of the original whey. The five gallons of whey which remain retain all the lactose and thus provide suitable material either for manufacture of lactose products or for stock feeding.

Stereoisomers of Lactic Acid.—A quantitative procedure for the measurement of the relative amounts of the two stereoisomers in preparations of lactic acid is described by Moore, Dimler and Link in "Industrial and Engineering Chemistry" (13, III, 160). The method described is applicable, with an error of less than 1.0 in the percentage composition, to samples containing as little as 0.2 gm. of lactic acid. The procedure depends on the condensation of lactic acid with *o*-phenylenediamine at 135° C. in the presence of phosphoric and hydrochloric acids to form 2-(α -hydroxyethyl)-benzimidazole. The derivative is isolated by quantitative precipitation as the crystalline silver salt. Regeneration of the benzimidazole gives a solution whose specific rotation is used for the calculation of the *d-l* composition of the original lactic acid sample. The use of the benzimidazole derivative of lactic acid offers the following advantages over the zinc salt: a fourfold increase in rotation ($[\alpha]_D = -32.7$), negligible variation of rotation with concentration, and absence of fractionation of isomers during the preparation and isolation of the derivative, which exhibits the general amphoteric properties of this type of heterocyclic compound. With acids and strong alkalis it forms mainly soluble salts.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, July 16

BUSINESS on the London markets has been much less in volume during the past week, owing not so much to lack of demand as to inability to meet consumers' requirements in some of the leading products. Under present conditions replacements are coming to hand but slowly. Importers are limiting sales as much as possible in order to conserve stocks which, in some cases, are at a rather low level, with some uncertainty, from one cause or another, as to when fresh arrivals will be available. The PHARMACEUTICAL CHEMICALS markets have been quiet, but the general tone remains steady. Rather firmer conditions obtain for BARBITONE and SODIUM BARBITONE. CAFFEINE remains at the new prices recorded last week. A complete scale of the new prices for COCAINE is now available. MAGNESIUM TRISILICATE has advanced in price. PHOTOGRAPHIC CHEMICALS are unchanged. SALOL is firmer. Home prices for SANTONIN are advanced.

Crude Drugs

Most of the business transacted in these products during the week has come from the consuming trades, but the turnover has been rather less than that of recent weeks. Prices generally remain firm and in some cases advances are noted. The position of AGAR is about unchanged, three different sets of prices ruling for unrestricted, pharmaceutical and bacteriological material respectively. Spot prices of CURAÇAO ALOES are nominal in the absence of stocks; new-crop prices are not yet to hand. Rather more inquiry is noted for BENZOIN. Forward offers of new-crop CASCARA SAGRADA peel are still awaited. Mombasa CHILLIES show a small rise in price, but the other varieties remain at former figures. Slightly higher prices are being asked for Zanzibar CLOVES. The position of DAMIANA LEAVES is likely to remain acute as no further supplies may be available until the new crop is ready at the end of the year. Forward quotations for new-crop Portuguese ERGOT are again easier. Chinese MENTHOL has been in active demand, but prices are steadier. The upward movement in PEPPERS continues, with a further small rise on the week. More supplies of RHUBARB are now available on the spot. Shipment prices of SENEGA are reported to be advancing rapidly, owing to a short crop. SHELLAC is again dearer in all positions. TURMERIC is quoted at higher figures. WAXES are quiet and steady.

Essential Oils

These markets have been quiet, with values of most products fully maintained. ANISE is again dearer, supplies being restricted. Business in BAY has been slow, but values are steady. CANANGA is firmly held. Quotations for English-drawn CLOVE are at the higher levels recorded last week. There is no change in the position of EUCALYPTUS. LEMONGRASS is firmly held at the recent advance. There are no changes in the controlled prices of GROUNDNUT and LINSEED. Supplies of MANDARIN are scarce and prices would have to be negotiated. Values of NUTMEG are steady, but supplies are small. Quotations for PALMAROSA continue nominal. A heavy demand has been received for Chinese PEPPERMINT, but sellers are difficult to find. East Indian SANDALWOOD is unchanged. WORMSEED, in small supply, is quoted slightly dearer.

Pharmaceutical Chemicals

ASPIRIN.—Steady; business fair. Makers' prices per lb. are: 10 cwt., 2s. 7d.; 5 cwt., 2s. 8d.; 1 cwt., 2s. 8½d.; 28 lb., 3s. 4d.; 14 lb., 3s. 5d.; 7 lb., 3s. 6½d.; 4 lb., 3s. 7½d.; 1 lb., 3s. 10½d. TABLETS.—Makers' prices for bulk quantities are unchanged: Under 5,000, 3s. 1½d.; 5,000, 2s. 11½d.; 10,000, 2s. 10½d.; 25,000, 2s. 8½d.; 50,000, 2s. 7½d.; 100,000, 2s. 6½d.; 250,000, 2s. 6d.; 500,000, 2s. 5½d.; 1,000,000, 2s. 4½d.; 2,000,000, 2s. 3½d. per 1,000.

ATROPINE.—Steady at makers' prices: ALKALOID, 21s. per oz.; 4 oz., 20s. 6d., and 25 oz., 20s. per oz. SULPHATE, 16s. 6d. per oz.; 4 oz. 16s., and 25 oz., 15s. 6d. per oz. Bottles, under 5-gm. or ¼-oz., corked, 3d.; stoppered, 5d.; 5-gm. to 25-gm. or ¼-oz., corked, 3½d.; stoppered, 6d.; 25-gm. or 1-oz., corked, 3½d.; stoppered, 7½d.; 50-gm. or 2-oz., corked, 4d.; stoppered, 9d. each; 100-gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

BARBITONE.—Firmer. Dealers would require between 30s. and 33s. per lb., according to quantity. SODIUM BARBITONE.—About 32s. to 35s. per lb.

BORAX.—Makers continue to quote B.P. powder at £35 10s. per ton, and crystals at 10s. per ton less, in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots.

BORIC ACID.—Steady at makers' prices: Powder, B.P., £52 10s. per ton; crystals, £51 10s. per ton, in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots.

CAFFEINE.—Steady at the prices quoted last week.

CITRATES.—Steady at makers' prices: POTASSIUM, B.P., 28 lb., 2s. 5d.; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d.; under 4 lb., 3s. per lb. SODIUM, B.P., one penny per lb. below, and IRON AND AMMONIUM (SCALES), B.P., threepence per lb. over above prices. Packages extra.

COCAINE.—British makers' prices for wholesale bulk quantities are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE, and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scale of prices

applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., 40s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.; ½ oz. and less than 1 oz., 44s. 2d.; ¼ oz. and less than ½ oz., 47s. 3d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz. and less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; 1 oz. and less than 2 oz., 46s. 2d.; ½ oz. and less than 1 oz., 47s. 9d.; ¼ oz. and less than ½ oz., 50s. 10d. per oz., packages extra. Re-sale: Sales are subject to buyer's undertaking not to re-sell any quantity below scale current at time of re-sale. Export prices vary according to destination.

MAGNESIUM CARBONATE.—As noted last week, the official price for heavy has been advanced to 106s., and of light to 77s. 6d. per cwt.

MAGNESIUM TRISILICATE.—Makers announce an advance in prices, as follows:—

	In Containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. and under 4 lb.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
4 lb. " " 7 lb.	3 7	3 5½	—	—	—	—
7 lb. " " 14 lb.	3 6	3 4½	3 4½	—	—	—
14 lb. " " 28 lb.	3 5	3 3½	3 3½	3 2½	—	—
28 lb. " " 1 cwt.	3 4	3 2½	3 2½	3 1½	3 1½	—
Not less than 1 cwt.	3 3	3 1½	3 1½	3 0½	3 0½	3 0
" " 5 cwt.	2 10	2 8½	2 8½	2 7½	2 7½	2 7
" " 10 cwt.	2 8	2 6½	2 6½	2 5½	2 5½	2 5
" " 20 cwt.	2 6	2 4½	2 4½	2 3½	2 3½	2 3

Contracts may be booked for 1 cwt. and over, with rise-and-fall clause. It is a condition of sale that buyers undertake not to re-sell at prices under scale for such quantities current at time re-sale is made. Packages returnable and extra.

PHENAZONE.—Firm at around 18s. 6d. to 23s. 6d. per lb., according to quantity; business is slow.

SACCHARIN.—Convention rate remains at 98s. 4d. per lb. for 550 material, duty paid. Neither wholesale nor retail prices are officially controlled.

SALICYLIC ACID (B.P.).—Steady. Makers quote as follows: 5 cwt., 1s. 8d. per lb.; 1 cwt., 1s. 8½d.; 28 lb., 2s. 0½d., in 28 lb. parcels; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d. Can be assorted with sodium salicylate.

SALOL.—Firmer, with values now at about 8s. to 8s. 6d. per lb., according to quantity.

SANTONIN.—Home prices have been increased as follows: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo tins free.

STRYCHNINE SALTS.—No change in British makers' official scale: Hydrochloride, 500 oz. and over, 2s. 6½d. per oz.; 100 oz. and under 500 oz., 2s. 8d.; under 100 oz., 2s. 9½d. Wholesale distributors' prices for small quantities would be dearer.

THEOBROMINE.—Steady at the new prices quoted last week.

Crude Drugs

AGAR.—The position in this market is about unchanged. Some business has been done on spot in unrestricted material at 22s. per lb., with further small supplies available at 22s. 6d. Small quantities afloat will be available for pharmaceutical purposes at around 16s. to 17s. per lb. Some afloat parcels for bacteriological use are offered at 13s. to 14s. per lb.; landed and duty paid.

ALOES.—Spot prices for Curaçao continue nominal in the absence of supplies; new-crop offers are awaited. Cape, spot, about 55s. to 57s. 6d. per cwt., ex store.

ANTIMONY.—Remains firm, with satisfactory business passing. The price of English regulus remains at £102 10s. per ton, delivered, for minimum 99 per cent.; foreign regulus, unchanged at £93 per ton, duty paid; Chinese, nominal.

BALSAMS.—Spot quotations for Tolu are steady at about 8s. 6d. per lb.; Canada, approximately 7s. 9d. per lb.; Copaiba, B.P., about 3s. 6d. per lb., if available; Peru, 7s. 3d. and 7s. 6d. per lb.

BENZOIN.—Steady, with rather more inquiry received. Sumatra, spot from £5 15s. to £7 per cwt., ex store.

BISMUTH METAL.—Minimum lots of 5 cwt. of the metal are quoted at one dollar 25 cents per lb.

BUCHU.—Steady, with small inquiry. Spot, about 3s. 2d. to 3s. 4d. per lb. for good green rounds; shipment, new-crop, about 2s. 7½d. per lb. for f.a.q.

CAMPHOR.—Spot demand has been rather better this week. Japanese, slabs, in small supply, about 5s. 4d. per lb., nominal; flowers, about 5s. 4d., nominal. A parcel of Chinese crude, just landed, is available at 4s. 9d. per lb., duty paid. English refined, steady, as follows: Flowers, one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 6s. 5d. per lb. Transparent tablets, ¼-oz.: One cwt., 6s. 9d.; 28 lb., 6s. 10d.; less than 28 lb., 6s. 11d. per lb.

CANTHARIDES.—The spot price of Chinese, if available, would be approximately 7s. per lb.

CARDAMOMS.—Steady, but quiet. Bombay seed, spot, about 5s. 5½d. per lb.; Mangalore seed, 4s. 9d.; Aleppy greens, 4s. 3d. per lb.

CASCARA SAGRADA.—Forward offers of new-crop are still awaited. Spot is unchanged at from 140s. per cwt. upwards, according to age of bark.

CHILLIES.—Spot values of Mombasa show a rise to 165s. per cwt., sellers; other varieties steady. Sierra Leone, 160s., and Sudan, 155s., duty paid.

CINCHONA BARK.—Firm on spot, with dealers asking about 1s. 11d. per lb. for *Calisaya*.

CLOVES.—Firm, with spot values of Zanzibar at a slightly higher level, quotations being at 2s. per lb., buyers; shipment, grade 2, nominal. Madagascar, unquoted.

COLOCYNTH.—Inquiry continues fair, but supplies are restricted. Fine white pulp would be worth about 3s. 6d. per lb. on spot.

DAMIANA LEAVES.—Quotations remain nominal in the absence of stocks. It is doubtful if further supplies will be available before the new crop is ready at the end of the year.

DANDELION ROOT.—Small supplies of Indian are quoted at around 155s. per cwt., ex store.

DERRIS ROOT.—A fair inquiry is being received, and prices are steady. Spot, 4 per cent. rotenone, about 1s. 3d. per lb.; slightly lower, about 1s. 2d. per lb.; 18 per cent. ether extract, tested, about 1s. per lb.

DRAGONS BLOOD.—Fair re-boiled is quoted on spot at approximately £27 per cwt., ex store.

ERGOT.—Forward quotations for new-crop Portuguese are again easier at around 7s. per lb., c.i.f.; spot quotations are also rather lower at about 9s. 6d. per lb.

GAMBOGE.—Good-quality Siam pipe would be worth about £30 per cwt. on spot, but dealers report business slow.

GINGER.—West African, spot, 170s. per cwt., sellers. Cochinchina, unwashed, afloat, 140s. per cwt., c.i.f.

GUM ACACIA.—Firm at about 120s. per cwt. for Kordofan cleaned sorts, ex store; shipment, about 54s. per cwt., c.i.f. Bleached, spot, from 300s.

HONEY.—Maximum prices per cwt. for imported (c.i.f.) are as follows: Produced in Canada, 65s.; in any British Dependency in the West Indies (including British Honduras), 65s.; Australia, 65s.; New Zealand, 70s.; Tanganyika, 45s. As noted last week, prices of the new season's production are to be controlled.

HYDRASTIS.—Business is quiet, with prices about steady. Tested, spot, about 20s. to 21s. per lb., according to test; untested, spot, approximately 18s. 6d. per lb.

IPECACUANHA.—Quiet. Matto Grosso, spot, about 17s. 6d. to 17s. 9d. per lb., ex store; shipment, about 13s. 6d. per lb., c.i.f. Minas, spot, about 11s. 6d. to 12s. per lb., according to test and seller; shipment, about 10s. to 10s. 3d. per lb., c.i.f., according to shipper. EXT. IPECAC. 110s., 26s. per lb., for minimum lots of twelve winchesters.

LOBELIA HERB.—Dealers quote at about 1s. 9d. to 1s. 10d. per lb., according to quantity.

MENTHOL.—Steady, with spot business done in Chinese at 38s. to 40s. per lb., according to brand and seller; shipment, July–August, about 27s. to 28s. per lb., c.i.f., according to shipper. Japanese, a few odd cases may be available on spot at about 40s. per lb.

MERCURY.—The maximum selling prices are prescribed under the Control of Mercury (No. 6) Order for bottles of 76 lb. and for smaller quantities. Instructions for ascertaining these prices were given in the C. & D., May 10, p. 295.

NUTMEGS.—Firm; values unchanged. Spot, Eastern browns, 65s., 2s. 4d. per lb.; 80s., 2s. 2d.; West Indian, sound unassorted, 1s. 9d.; 80s., 2s. 2d.; 90s., 2s.; wormy and broken, 1s. 7d., nominal.

ORANGE PEEL.—About 2s. 1d. to 2s. 2d. per lb. would be the spot value of small supplies of bitter quarters; thin-cut, if available, would be worth about 4s. per lb.

PEPPERS.—All varieties again show a fractional rise on the week. Lampong, spot, in bond, 9½d. per lb., buyers; Tellicherry, spot, 9½d., sellers; Aleppy, spot, 9½d. value. White Muntok, firm; spot, in bond, 1s. 3d. per lb., paid and buyers; shipment, unquoted.

PIMENTO.—Quiet and unchanged. Spot, 2s. 1d. per lb., sellers; shipment, new-crop, July–August, 170s. per cwt., c.i.f., nominal.

PYRETHRUM.—Kenya flowers are quoted by dealers at about 175s. to 185s. per cwt., ex store. The price to importers of large quantities would be at appropriately lower figures.

QUASSIA CHIPS.—Dealers' spot quotations for small supplies remain at about 35s. per cwt., ex store.

QUILLAIA BARK.—Dealers' spot quotations for very limited supplies would be in the region 105s. to 110s. per cwt., ex store.

RHUBARB.—Supplies of rough-round are now available on spot at about 5s. 9d. to 6s. 3d. per lb. A parcel of rough-round high-dried landed is offered at 6s. 6d. per lb. Shensi, spot, about 8s. to 8s. 6d. per lb.

RUBBER.—Steady. Standard ribbed smoked sheet, spot, 13½d., buyers; 13½d., sellers; August–December, 13½d., buyers; 13½d., sellers. It is announced that a fee of ½d. per lb. will be paid to all dealer members of the Rubber Trade Association of London for rubber which the Rubber Control buys through them.

SEEDS.—ANISE.—Turkish, spot, 140s., duty paid, ex store Liverpool. CANARY.—No spot stocks available. CARAWAY.—Dutch, spot, nominal, 285s., duty paid. CORIANDER.—Morocco, spot, quoted at 140s., duty paid. CUMIN.—Malta, spot, 147s. 6d., duty free; Morocco, nominal at

145s., duty paid; Indian, 130s., duty free. DILL.—Indian, spot, 85s., duty free, ex store Hull. FENNEL.—Indian, spot, 85s., duty free; Iran, 87s. 6d., duty paid. FENUGREEK.—Morocco, spot, 47s. 6d., duty paid, ex store London or Liverpool. MUSTARD.—English, 100s. to 110s., as to quality.

SENEGA.—Reports from the source indicate that the crop is short and that prices are advancing rapidly, the last figure mentioned being in region of 4s. 6d. per lb., c.i.f. Spot, in restricted supply, remains at around 5s. 3d. per lb.

SENNA.—Firm, with quotations at former levels. Tinnevely, spot, supply small. No. 1 leaves, 10d. per lb.; No. 2 leaves, 6½d.; No. 3 leaves, 5d. per lb. Hand-picked Tinnevely pods, if available, 1s. 3d. to 1s. 6d. per lb.; manufacturing pods, 9d. to 10d. per lb. Alexandrian hand-picked pods, a few small lots available at 2s. 6d. to 7s. 6d. per lb.; manufacturing quality, 1s. 6d. to 1s. 9d. per lb.

SHELLAC.—Quoted dearer and now steady. Spot, standard TN orange, 142s. 6d.; fine orange, 150s. to 200s.; pure button, 175s. nominal, per cwt. Shipment, TN, 152s. 6d. c.i.f., nominal.

SLIPPERY ELM BARK.—Some occasional business is being done. Dealers quote grinding quality at about 1s. 2d. per lb., and mixed bundles at about 2s. 1½d. per lb. on spot.

TRAGACANTH.—Quotations for medium grades are as follows: No. 1, white, £140; No. 2, white, £115; No. 3, white, £100; pale leaf, £84; amber leaf, £57; red leaf, from £25; woody and hoggy, from £15, ex store.

TURMERIC.—Madras finger, spot, quoted, 75s. to 80s. per cwt.

VALERIAN ROOT.—Indian, quoted at about 150s. per cwt., ex store.

WAXES.—All varieties quiet but steady. BEES'.—Spot, 235s.; in bond, 215s.; shipment, Dar-es-Salaam, nominal at 187s. 6d. Japanese, first three brands, spot, duty paid, 170s.; in bond, 155s.; shipment, nominal. CARNAUBA.—Spot, fatty, grey, 435s.; chalky grey, 425s.; Primeira, 500s.

WITCH HAZEL (LIQUID EXTRACT).—Spot, 10s. 3d. per Imperial gallon, duty paid.

Essential and Expressed Oils

ANISE (STAR).—Values show a further increase on the week; supplies are restricted. Spot, tins in cases, about 15s. per lb.; drums, about 14s. 6d. per lb.

BAV.—Steady but quiet; spot value unchanged at approximately 7s. 6d. to 8s. per lb., ex store.

BOIS DE ROSE.—Inquiry has been small, but prices are firmly maintained. Spot, about 17s. 6d. per lb.

CAJUPUT.—Continues steady, with only a small trade passing. Spot, approximately 7s. per lb.

CANANGA.—Spot prices dearer at 32s. 6d. to 37s. 6d. per lb.

CEDARWOOD.—Firm. American oil, on the spot, would be worth about 2s. 4d. to 3s. per lb., according to quantity.

CINNAMON LEAF.—Values continue firm, but business is slow. Spot, about 5s. to 5s. 6d. per lb.

CLOVE.—Firm, with quotations for English-made oil maintained at the higher price of 15s. to 16s. per lb.

EUCALYPTUS.—Position shows no change, with spot steady at recent figures. Spot, about 4s. to 4s. 6d. per lb. for 70 to 75 per cent., according to holder, and about 4s. 6d. to 4s. 9d. per lb. for 80 to 85 per cent.

GERANIUM.—Spot value of both Bourbon and Algerian remains steady at approximately 75s. per lb.

JUNIPER BERRY.—Spot quotations for small lots are in the region of 30s. per lb.

LAVENDER.—In small inquiry, with values steady. Spot, about 70s. to 80s. per lb. for good-quality oil.

LEMONGRASS.—Spot quotations were recently advanced, and are now steady at about 9s. 6d. to 10s. upwards per lb.

LIME.—The spot value of genuine West Indian would be in the region of 32s. per lb., but stocks appear to be limited.

MANDARIN.—Supplies are scarce and prices a matter for negotiation.

MUSTARD.—British-made synthetic oil is available at about 20s. per lb.

NUTMEG.—Only small supplies appear to be available. Values are steady at around 24s. per lb.

ORANGE.—Californian sweet is quoted for shipment at a price which shows a lay down cost of 9s. 6d. per lb., ex store. Prices of Rhodesian and other grades would be a matter for negotiation.

PALMAROSA.—Spot price continues nominal at about 25s. per lb.

PATCHOULI.—Singapore, on spot, would be worth about 45s. to 50s. per lb.; Seychelles, about 40s. to 45s. per lb.

PEPPERMINT.—Demand has been on an exceptional scale this week, with buyers willing to pay 30s. per lb. for the Chinese oil, but sellers are difficult to find. A few odd cases of Japanese are stated to be available on spot at about 30s. to 32s. American, about 35s. per lb., ex store.

PETITGRAIN.—Spot quotations are nominal at about 17s. 6d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, is quoted at 25s. per lb.

SASSAFRAS.—Dealers' spot prices for genuine natural oil are steady at approximately 14s. per lb.

SPEARMINT.—Dealers quote American oil at about 21s. per lb. on spot.

THYME.—Quiet, with values steady. Spot, about 14s. per lb. for good-quality oil; other grades would be at lower prices.

WINTERGREEN (GENUINE).—Spot quotations are unchanged at around 11s. 6d. to 14s. per lb.

WORMSEED.—Small supplies are quoted by dealers at the slightly dearer price of 23s. per lb.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Pharmacy and Medicines Bill.—The declaration of the formulas of patent medicines is intended to help the purchasers to discriminate between the good and the bad. This belief must surely be discouraged by the realisation of the fact that the formulas of many of the popular patent medicines have for some time been published on the containers, and this has not caused any apparent effect on their sales. To the great majority of the users the formulas are meaningless, and while they could ask their chemists to advise them as to the composition, they do not do so. I believe, Sir, that the publication of the formulas is not in itself enough, and I would suggest that it be made obligatory to incorporate on the label some such words as: "Ask your doctor or chemist to advise you as to this or any other patent medicine." And also that the sale of these medicines be restricted only to chemists—as they are qualified to guide the potential buyer in the exercise of that discrimination which is the declared object of the Bill.—*M. Conway, M.P.S., Manchester.*

As a pharmacist I wish to see the continued recognition of the "Pharmaceutical Formulas Dispensatory," and have therefore thought fit to write to you on one or two points connected with same in support of any effort made by the C. & D. in this direction. The disclosure of the formula on the label should be for the information of the trade and authorities, not for the general public. Such disclosures should not be made in English since this would encourage the inexperienced to dabble in medicines and their manufacture; all disclosures should be in medicinal terms. While one effect of the Bill is to dispense with the privilege we have had under "known, admitted and approved" remedies, there appears to be no reason why any Dispensatory which has been recognised in the past by H.M. Customs and Excise should discontinue to be so recognised. Consequently, where a pharmacist uses the appropriate letters and number on a label as reference to a preparation contained therein it should be a disclosure for the purpose.—*Leonard W. Mills, Downend, Bristol.*

I have read with interest your correspondents' opinions in last week's C. & D. (pp. 13 to 16), and agree with most of them. I have tried in vain to find anything in the Bill that is going to improve materially the lot of pharmacists in business. My experience goes back now upwards of fifty years in the drug trade, and as I see it there is far more need now for the limitation of the sale of medicines to qualified chemists than was the case fifty years ago, yet very little has been done for the pharmacist, not to mention the protection of the public, as it were, against themselves. The increase during the past fifty years of the number of what are termed "patent" drugs with comparatively small doses has been tremendous, yet far too few of these are limited in sale to people trained to understand them. Why some simple legislation is not made that would make it impossible for many or all of these to be exposed for sale and sold even by children in confectioners, oil shops and by back-street vendors has always been a puzzle to me. In my opinion, in the interests of the general public it should have been done long ago. It should not be necessary to have an internal organisation to prevent many drugs and proprietaries being handled by all and sundry.—*J. Milner, London, S.E.*

Regarding the three main principles which would seem to be embodied in the Pharmacy and Medicines Bill, the proposed widening of the scope of retail distribution is a matter in which we are not particularly interested. Section No. 2, however, dealing with restrictions on advertising, comes to some extent within our sphere of interest. Our own views strongly incline towards control of claims which would seem to be the purpose of this Bill, and the only amendment we would suggest is that a considerable extension of the various diseases referred to could be made. In the case of Section No. 3, here again we should not be prepared to dispute the advantages which would probably accrue from the inclusion of the section of the Bill, making disclosure of contents essential. We believe that such would be of benefit to the community as a whole, and would go some way towards checking the extravagant and fraudulent claims for certain preparations of a comparatively useless type which, in pre-war days, were so extensively advertised, obviously with a view of influencing that portion of the population not perhaps possessing first-grade intelligence. The whole Bill, therefore, contains nothing to which we should be prepared to take exception and, in fact, we express the contrary view and suggest that it is a piece of legislation very much overdue.—*British Colloids, Ltd., Park Royal, London, N.W.10.*

Last week's C. & D. was a feast of opinion and comment on the amending Bill, and it is evident that there is already much doubt and speculation as to what certain things mean. It seems to me to boil down to this: (1) Anyone can sell single herbs, mineral water (natural or artificial), and proprietary medicines not containing poison, without let or hindrance; (2) anyone who is "authorised" (co-ops with pharmacies are), may, by paying a registration fee, do all indicated above and additionally sell "drugs," subject to the restrictions set out. The most important restriction seems to be that embodied between 1(1)(e), and 1(1)(4), which indicates that "Packed at Central Pharmacy" or a similar link up with the fully authorised address will not be legal. Evading phrases can be found, but some expenditure on labels is indicated; (3) anyone (or just about) can, by paying a local registration fee, sell Part 2 poisons, which activity can be added to either of the two paragraphs above. Pharmacy, private, multiple and co-operatives alike, gets ever more entangled in masses of legislation, a living in it has for far too long had to depend on trade (and often sordid and miserable trade). A fifteen-penny "quack" handed over by "t'lad" earns as much as the N.H.I. script, with its scraping of labels and scrutinies for this and that regulation. We all know it at the bottom. A few supermen get five bob for five pennyworth of bunk and rejoice alike in Madame's quest for beauty, or the pathetic striving of an old soul to scrape enough

to get the doubtful relief held out by some miraculous potion. They're not supermen—just "smart Alecks." The bulk of us are pretty human, we're trained, we're anxious to serve; I don't think we're particularly interested in fortunes out of others' misfortunes. We want a bit of regard, the right to apply ourselves, our knowledge and our consciences, but since we must eat and since our past was unaccountably weak, we find ourselves as commission men to high finance—but the commission is called "profit margin." We muddle through with a trimming of certificates, and a key or two, to prove that we're not really corner-shop hucksters—and the baker waves his hand as he tootles off for the half-day, whilst we do a rota, and feel very self-righteous about it—"dare we risk selling this jar of cream?" When, oh when, shall we rally about a real leader? When shall we see pharmacy to pharmacists.—*Y. Knott (12/7).*

Dispensing Costs in Scotland.—The Standing Committee for Scotland will have studied the report about dispensing costs from Canada as reported in the C. & D., and here are some concrete examples for them to work on:—

- | | |
|----------------------------|-------------------------|
| 1. Tab. thyroid. gr. j. | 2. Tab. rhei gr. i ss. |
| Tales 60. Sig. j. daily. | Tales 60 Sig. j. nocte. |
| 3. Bis. sal. gr. x. | |
| P. pro mist. cretæ gr. xl. | |
| Ft. pulv. Tales xij. | |
| Sig. ½ powder as required. | |

In addition to loss of fees through loss of frequency there is the purchase tax to be considered, and in No. 3 what member of the Standing Committee would defend the accuracy of dispensing demands in view of the directions? Euclid states that a point has position but no dimensions; our Standing Committee too. . . . Every forty-eight-and-upwards dose prescription is a reminder to the Scottish chemist of broken faith by the Department of Health and the inability of the Standing Committee to protect the chemist from the losses caused by such treatment.—*J. M. Williamson, Glasgow.*

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

Besszonoff's Reagent.—*L. M. (7/7).*—This has been used to detect ascorbic acid in fruit juices, etc., but it is not specific for the acid. The reagent is a complex phospho-tungstic-phospho-molybdic acid obtained by heating a solution of sodium tungstate with phosphomolybdic and phosphoric acids. When dissolved in water, the compound gives a deep blue colour with ascorbic acid.

Safety Matches.—*D. R. H. (23/6).*—A composition for the splints is made of potassium chlorate 6 parts, antimony sulphide 2 or 3 parts, glue 1 part. For the friction surface on the box, the following mixture is spread evenly on to a surface previously made rough by a coating of glue and sand: Amorphous phosphorus 10, manganese dioxide 8, glue 3.6. The glue should be melted over hot water and the other ingredients sifted in.

Pancake Make-up.—*W. B. R. (7/7).*—The type of pancake compacts you refer to are covered by American patents and their process of manufacture somewhat involved. The powder pigment base is mixed with a waxy cream which contains a little water and allowed to dry. It is then finely powdered. In this way the particles of powder are coated with a waterproof wax film. The powder is then compressed into thin cakes with the aid of a small amount of gummy binding agent.

Freezing Mixtures.—*B. S. C. (20/6).*—The following are taken from Pharmaceutical Formulas, Vol. II:—

- | | |
|--|---|
| 1. Ammonium nitrate | 1 |
| Sodium carbonate | 1 |
| Water | 1 |
| Reduction of temperature, about 50° F. | |
| 2. Sodium phosphate | 9 |
| Diluted nitric acid | 4 |
| Reduction of temperature, about 65° F. | |
| 3. Sodium sulphate | 6 |
| Ammonium nitrate | 5 |
| Diluted nitric acid | 4 |
| Reduction of temperature, about 80° F. | |

Pediculosis Capitis.—*S. D. Co. (8/7).*—A recommended alternative to the treatment you refer to for this condition is to saturate the scalp with paraffin and tie it up for twelve hours. This of course has the disadvantage of being messy and is not free from danger if the head is brought too near a naked flame. Whitfield's method of saturating the hair with a 1 in 40 carbolic acid solution and then tying up the hair in it for half an hour is very effective, especially when much impetigo is present. After this, the crusts can be removed and the nits combed out, and a weak ammoniated mercury ointment applied.

Trench Ointment.—Several ointments have been supplied under this name, including blue ointment, white precipitate ointment, and the following:—

- | | |
|------------------------------|-------|
| Powdered tragacanth | 3 dr. |
| Spirit | ½ oz. |
| Glycerin | 1 oz. |
| Naphthalene | 2 dr. |
| Carbon tetrachloride | 1 oz. |
| Water | 6 oz. |

Mix the tragacanth with the spirit, add the naphthalene previously dissolved in the carbon tetrachloride, then the glycerin, and finally the water all at once. The tragacanth should be adjusted so that the finished ointment has the consistency of lard.

The consumption of SUGAR may be REDUCED

by the addition of Bicarbonate of Soda in baking and in cooking fresh fruits, etc., and we are now told that a considerable saving of TEA may also be effected by the use of a small quantity of Bicarbonate of Soda when tea-making.

While we do not specifically recommend this, we suggest that if Bicarbonate of Soda is to be used, obviously it should be Howards' make which is free from the nauseating taste usually associated with Bicarbonate of Soda.

Howards' Bicarbonate of Soda is sold in 1, 2, 4, 8 and 16 oz. packages and in bulk.

NOTE: THE BONUS TERMS on HOWARDS' ASPIRIN TABLETS are still available

HOWARDS & SONS LTD. (Est. 1797) ILFORD, Nr. LONDON

TO SOLVE YOUR PRESERVATIVE PROBLEM

NIPA — GIN — SOL — BENZYL — COMBIN

(REGD. TRADE MARK)

... the verified antiputrefactive, antifermentative agents and highly active antiseptics

NIPA 49 ... the powerful and harmless antioxidant**NIPA ESTERS** are neutral, odourless and non-irritating

Free Advice will be given willingly on any problem concerning Antiseptics, Preservation or Antioxidation on application either to—

NIPA LABORATORIES LTD., TREFOREST TRADING ESTATE, Near CARDIFF
or their Sole Distributors for the U.K. and British Possessions**P. SAMUELSON & CO** 17 Creechurch Lane, London, E.C.3. Telephone: Avenue 6874-5

SPECIALISTS

for over 40 years
In the Manufacture of:—

TABLETS & PILLS

LOZENGES, SUPPOSITORIES
GENERAL PHARMACEUTICAL
PREPARATIONS

- Packed under your own Brand if desired
- EXPORT ENQUIRIES INVITED

MATTHEWS & WILSONLIMITED
ESTABLISHED 1894**6 and 8 Cole Street, London, S.E.1**

'Phone: HOP 2147-8

'Grams: Pilleolum, Sedist, London

BRITISH MADE

BY TEST
THE BEST**“HELLA”****LATEX PREVENTIVES**HELLA PREVENTIVES ARE HOT VULCANISED AND WILL
KEEP FRESH IN STORE FOR 3 YEARS IN ANY CLIMATE**24/-** PER GROSS
PACKED IN
WALLETS OF THREE**SPECIAL TERMS FOR QUANTITIES**WASHABLES AND BULK GOODS AVAILABLE
WHOLESALE AND EXPORT ENQUIRIES
INVITED**JULIAN GROSSE**TENANT HOUSE, 50 GT. PORTLAND ST., LONDON, W.1
Phone: Museum 0060

ALKALOIDS

FINE CHEMICALS & OPIUM DERIVATIVES

ALLOIN • ATROPINE • BISMUTH SALTS • CAFFEINE •
CANTHARIDIN • CAPSICIN • CHLOROFORM • CHRYSAROBIN •
CODEINE • DIAMORPHINE • ERGOTIN • ESERINE •
ETHYL-MORPHINE • GINGERIN • JALAP RESIN •
LEPTANDRIN • MORPHINE • OPIUM • PODOPHYLLIN RESIN •
SALICIN • SANTONIN • SCAMMONY RESIN • STRYCHNINE
AND OTHER PHARMACEUTICAL CHEMICALS AND PREPARATIONS.

CHLORAL HYDRATE
EPHEDRINE

Goods covered by Dangerous Drugs Acts offered subject to all regulations

T. & H. SMITH LTD.

Blandfield Chemical Works, Edinburgh, 11
32 Virginia Street, Glasgow, C.1
And at London

Tablets and Pills *Packed or Bulk*

ASPIRIN

*Latest Automatic Pill Plant
producing over 300,000
3-grain pills a day.*

CASCARA

*Private formulae Pills and
Tablets carefully and ac-
curately prepared at lowest
possible prices.*

and all

TABLETS and PILLS

Enquiries from Packers, Shippers & Trade
CASTLE HUSKISSON Ltd.

MANUFACTURING CHEMISTS

**Swinton Works, Moon St., Islington,
London, N.1**

Telephone : Canonbury 3466

ESTABLISHED 1768

WE SPECIALIZE IN
THE MANUFACTURE OF

GALLIC ACID-PYROGALLIC ACID

PURE & TECHNICAL

RESUBLIMED, PURE CRYSTAL & TECHNICAL

WHOLESALE & EXPORT ONLY. Enquiries Invited

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX

TELEPHONE : RIPPLEWAY 2762

TELEGRAMS : "GALLIC, BARKING."

Display

P. A. T. A. Terms
From all Wholesale Houses

SAMONA

THE WONDERFUL MEDICAL RESTORATIVE
which brings immediate benefit in all cases of

**NERVE STRAIN
DEPRESSION
TIRED and LISTLESS APPEARANCE
MENTAL AND PHYSICAL
EXHAUSTION**

Prices 3s. and 5s. (more than double quantity)
Exclusive of purchase tax
SAMONA, LTD., 16 CHARTERHOUSE ST., LONDON, E.C.1

D.D.D. Brand

PRESCRIPTION SKIN TROUBLES

For All

being a powerful Liquid antiseptic is ideal for First Aid Treatment of cuts, burns, scalds, scratches, and minor wounds. Consistent advertising in National Press results in consistent sales.

D.D.D. COMPANY LTD.
3 Fleet Lane, E.C.4. Telephone: Central 2185

OXO LABORATORIES PREPARATION

★ **"OXOID"** BRAND ★

VITAMINS 'A' & 'D'

Each Capsule contains 7,000 I.U. of 'A' and 900 I.U. of 'D.'

FOR RAPID ADAPTATION OF VISION IN SEMI - DARKNESS. (Lancet, 1939, II. 1355.)

TO COMBAT THE BLACK-OUT..

Price 2/3
per box of 25 capsules

Sold by Chemists

"OXOID" BRAND VITAMINS 'A' & 'D' CAPSULES are also extensively prescribed for reducing susceptibility to infections, and as a prophylactic against the Common Cold

OXO LIMITED, Thames House, London, E.C.4

OXO LABORATORIES PREPARATION

We Ship

ACONITE, ALESTONIA BARK, BELLADONNA LEAVES, BELLADONNA ROOT, BERBERIS, ASA-FOETIDA, BRYONIA, CALUMBA ROOT, CHIRETTA (Indian Variety, B.P.), COLCHICUM CORMS, DANDELION, DATURA METEL LEAVES, DATURA STRAMONIUM LEAVES, EPHEDRA VULGARIS, GLYCYRRHIZAE, HYOSCAMUS NIGER LEAVES, JUNIPER BERRIES, PODOPHYLLUM, RHUBARB RADIX, INDIAN SQUILLS, VALERIAN ROOT, RED PEPPER FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

MEHTA BROTHERS
LAWRENCE ROAD - AMRITSAR - INDIA

NIGROIDS for the Throat and Voice

Registered Trade Mark

WHOLESALE TERMS ON APPLICATION

Sole Makers: **FERRIS & CO. LIMITED, BRISTOL**



MILLAMALT

The TONIC MALT FOOD

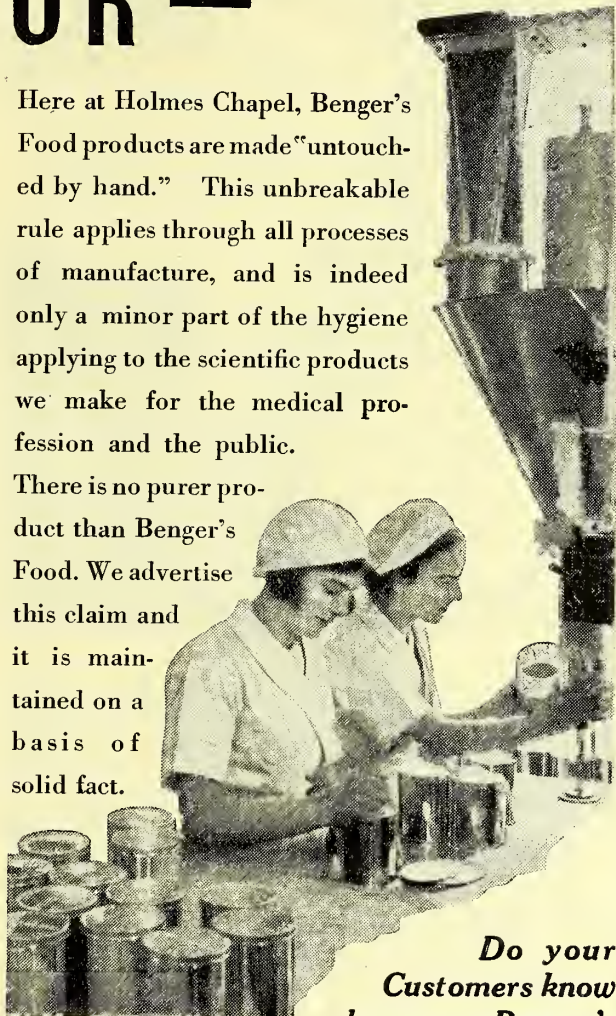
With Guaranteed Complement of Vitamins A, B, C & D.

Sole Manufacturers,
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N. 19

DON'T TOUCH OR —

Here at Holmes Chapel, Benger's Food products are made "untouched by hand." This unbreakable rule applies through all processes of manufacture, and is indeed only a minor part of the hygiene applying to the scientific products we make for the medical profession and the public.

There is no purer product than Benger's Food. We advertise this claim and it is maintained on a basis of solid fact.



Here, for example, are two girls working one of the many filling machines. They are alert workers, for the filling work is fast, and if an accidental slip brings the food in contact with the fillers' hands, away it goes to the discard.



BENGER'S FOOD, LTD.
Holmes Chapel, Cheshire.

*Do your
Customers know
how easy Benger's
is to make?*

Just take half a pint of milk and bring it to the boil. Whilst the milk is heating, take a level tablespoonful of Benger's Food and mix to a smooth cream in a basin with four tablespoonsful of cold water. Take the boiling milk, and immediately it begins to settle in the pan pour slowly (taking about thirty seconds) on the cold mixture, stirring all the time. When cool enough, the Food is ready to drink. Add sugar to taste. No more trouble than that!

CURICONES

**★NO
Sales Restrictions**

**EVERY RHEUMATIC SUFFERER
IN YOUR DISTRICT CAN
BE A SOURCE OF *Profit***

★ With restrictions on most other lines, CURICONES become more than ever an attractive proposition, for they are subject to no restrictions.

Every Rheumatic Sufferer among your customers (and there must be many) can be a source of profit which will help to fill the gap left by the restricted sales of other lines.


**ALL WHOLESALERS
CAN DELIVER CURICONES
IMMEDIATELY**

If you have difficulty, we can send supplies direct and charge you through your usual wholesaler, but don't forget to send us the name of your wholesaler as no direct accounts can be entertained.

STEPHEN MATTHEWS & CO. LTD.

Manufacturing Chemists and Druggists

19/21 FARRINGTON STREET, LONDON, E.C.4



"WEBSTER'S"

STAINLESS STEELWARE

Specialists in modern equipment for manufacturers i.e., Funnels, Buckets, Jugs, Mixing Containers, Measures, Percolators, Bogies, etc., etc.

Suppliers of Stainless Steel utensils, at prices which enable the user to employ them in place of other metals, as an economical proposition.

The use of Stainless Steel equipment, designed on modern principles, enables overhead costs to be reduced and makes for more convenient and better working conditions.

ISAAC WEBSTER & SONS, LTD.
ABBAY WORKS, KIRKSTALL, LEEDS, 5
 Telephone: 51580 Headingley. Telegrams: Isaac Webster, Kirkstall

*A profit
maker!*

MASON'S
GINGER WINE ESSENCE
 SWEETENED

NOW
 SWEETENED
 TO MEET
 WAR-TIME
 REQUIREMENTS

The season for Ginger Wine is here. See you have a good stock of Mason's sweetened Ginger Wine Essence, which not only makes a delicious drink but is also a cordial digestive and nerve soother. Write for trade terms.

NEWBALL & MASON, LTD. NOTTINGHAM

HOMŒOPATHIC MEDICINES
 SHOWCASE AVAILABLE Terms on application

Leath & Ross Laboratory

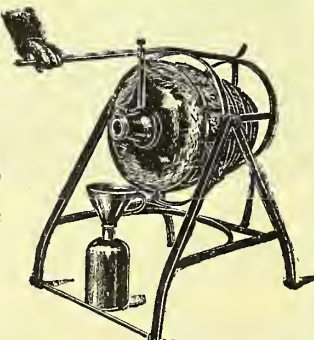
342 Kilburn High Road, London, N.W.6.

**CARBOY STAND
 AND TILTER**

For drawing off small quantities of Acids from Carboys.

The Carboy can be tipped to any position with one hand.

**LEIGH & SONS
 METAL WORKS**
 Orlando Street
 BOLTON




The PIFCO

All-purpose TABLE LAMP

AN ELECTRIC LAMP as elegant as it is practical. Without springs or ball joints, it is instantly adjusted and remains in any position to give all the light just where it's needed. An engineering job built for a lifetime's use. A tasteful addition to any room, office or works.

In colours
 Red, Green, Blue,
 Cream or Black. 39/6d.
 Catalogue and export price
 on application.

PIFCO LTD.
 LONDON, ENG.
 63 Great Eastern
 Street, E.C.2
 Established
 1900.

"MANOIDS"

THE POTENT BRAIN & NERVE TONIC FOR MEN

1/3 doz. 7/6 doz.
 2/3 13/6

THE
 Action Pill & Tablet Co. Ltd.
 ASH VALE, SURREY.

FROM ALL SUNDRIES
 HOUSES, OR..

For first class **TABLET**
MANUFACTURING
SERVICE
 and Chemists' Sundries

D. MAWDSLEY & CO. Manufacturing Chemists
 Grange St., Rusholme, Manchester 14

F. SCHUTZE & CO., LTD.
 ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES
 SUSPENSORY BANDAGES
 JOCK STRAPS, etc., etc.

PERFUMERY BOTTLE WICKERERS in RAFFIA
 or SILK, plain or fancy, wide range of designs.
 Own bottles wickered at moderate cost.

Black Bull Works, Market Road, London, N.7

There will always be an insistent demand for **SHERLEY'S** **DOG PREPARATIONS**



Despite the abnormal conditions prevailing, there will always be an insistent demand for Sherley's Dog Preparations as they are recognised by Owners everywhere as the True Standard of Excellence. It would therefore be wise to stock your shelves to capacity so as not to run the risk of disappointing regular customers. We, on our part, will continue to support retailers to the utmost, and maintain the fullest supplies possible.

STOCK YOUR SHELVES with Sherley's Tonic and Condition Powders
 Sherley's Worm Medicines Sherley's Aperient Powders
 Sherley's Skincare Sherley's Canker Lotion and Powder Sherley's
 Fit Tablets Sherley's Veterinary Ointment Sherley's Formalin
 Soap Lactol Lactol Biscuits Sherley's Dog and Cat Books

FREE DISPLAY MATERIAL. Bold, attractive Display Cards for counter and window are supplied to all Sherley stockists, free and post free.

A. F. SHERLEY & CO. LTD., Ballard Coombe, Warren Road, Kingston Hill, Surrey.

EXTRA DISCOUNT

In addition to our already generous terms, which include discounts of $2\frac{1}{2}$ per cent. and 5 per cent. for window display and provide a very high rate of profit for the Trade, we are now offering an extra $2\frac{1}{2}$ per cent. settlement discount for cash within thirty days of the date of invoice.

"Adaptocaps"

SELF-SEALING CAPSULES



FOR ALL
BOTTLE
CAPPING

LONDON
MADE

THE
CAPSULE REMOVER
ENSURES EASY AND
RAPID REMOVAL OF
THE CAPSULE. IT
ALSO ADDS A SEAL
OF QUALITY

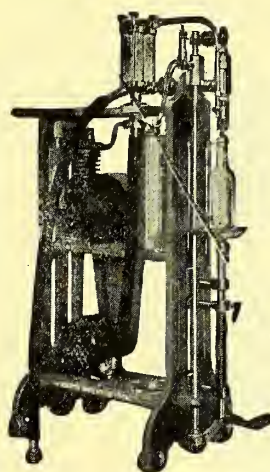
THE LONDON CAPSULE CO.

EMPIRE WORKS • MITCHAM ROAD • CROYDON

Telephone: THORNTON HEATH 1234/5

ROBERTS' PATENT

"LEO" VACUUM FILLER



for Glass, Stone,
and Tin. Bottles.
Fills all sizes from
drachm to quart—
long, short or
sprinkler neck.

Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing

WRITE FOR
PARTICULARS

Roberts' Patent Filling Machine

Company Limited
BOLTON, LANCASHIRE

Makers of every description of Bottle Filling and Shallow
Jar and Tin Filling Machine for the Chemists' use

ALL RIGHTS RESERVED

Dr. J. Collis Browne's Chlorodyne
and
The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's
CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors :
J. T. DAVENPORT LTD.



**Union St.,
London, S.E.1**

COMPOUND SYRUP OF HYPOPHOSPHITES



Many of your customers know that the "FELLOWS" brand is the best syrup of hypophosphites that money can buy.

The name is a guarantee of purity ; and no effort is spared to maintain the excellence of this Syrup.

Because it commands the confidence of the Medical Profession, and of the public, the sale and recommendation of "FELLOWS" will enhance your prestige, and add distinction to your pharmacy.

Laboratories :

UNITED STATES, ARGENTINE, AUSTRALIA,
CHILE, COLOMBIA, GERMANY, ITALY,
MEXICO, SPAIN, NEW ZEALAND,
ROUMANIA.

FELLOWS MEDICAL MFG. CO., LTD.
286, ST. PAUL STREET WEST,
MONTREAL . . . CANADA.

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

JULY 19
1941

IMPORTANT TO SUPPLEMENT ADVERTISERS

Instructions for supplement advertising are now accepted in London and at Bath. London press times have been advanced to first post WEDNESDAY morning of week of issue but instructions will still be accepted up to first post THURSDAY morning if sent to Bath. Advertisements received after these times will be inserted the following week.

THIS IS THE TARIFF

AGENCIES, GOODS FOR SALE, PARTNERSHIPS, PATENTS, PREMISES TO LET, FOR SALE or WANTED

7/6 for 36 words or less.
2d. for every additional word.

Box Office Number 1/- extra.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word. Box Office Number 1/- extra.

LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS

1/9 per nonpareil line. (12 lines = 1 inch, single column.)

Box Office Number 1/- extra.

**BUSINESSES for DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN**

7/6 for 40 words or less,
2d. for every additional word.

Box Office Number 1/- extra.

EXCHANGE COLUMN (for Retailers, etc.) 2d. per word, minimum 3/-
Box Office Number 1/- extra.

MISCELLANEOUS SECTION
(for Wholesalers, etc.),
for odd and second-hand lots.

12/6 for 60 words or less, 1/- for every additional 10 words or less.

Box Office Number 1/- extra.

ALL ADVERTISEMENTS MUST BE PREPAID. To avoid disappointment send your instructions as early in the week as possible to
THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH
or to London Office at 28 Essex Street, Strand, London, W.C.2

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

SALE BY AUCTION

CHEMIST'S STOCK

Re MARION PHARMACIES, LTD. (in Vol. Liq.)

246 Balham High Road, London, S.W.17

By Order of the Joint Liquidators

HAMILTON PALMER & JUNR.

are instructed to sell by Auction upon the premises as above, on Wednesday, July 23, 1941, at one o'clock prompt, the Entire Stock, consisting of DRUGS, CHEMICALS, SOAP, PERFUMERY, etc., also the FIXTURES AND FITTINGS.

Catalogues may be obtained of the joint Liquidators, Parkin S. Booth, Esq., Kimberley House, 14 Holborn Viaduct, E.C.1, H. L. Radcliffe, Esq., 171 Shaftesbury Avenue, London, W.1, or of the Auctioneers, 24 Holborn, E.C.1, 'phone HOLborn 7391. Goods on view day prior and morning of Sale.

WE REQUIRE

**GLUCOSE BLOCK JUICE
HONEY STICK LICORICE
TREACLE EXT. GLYCYRRH LIQ.**

Best Prices Paid for any Quantity. Offers to—

JOHN MCGUFFIE & Co. Ltd., Chemists, LIVERPOOL, 2

TENDERS

BY ORDER OF THE EXECUTORS—RE T. C. JONES, DECEASED, CHEMIST & DRUGGIST
BRIDGEND

ROWLAND RAWLINS & CO.

are instructed to invite Tenders either as a Whole or in Sections for the purchase of the excellent

STOCK-IN-TRADE

including Chemists' Sundries, Dressings, Bottles, Drugs, Proprietary Medicines and packed Goods, Foods, Toilet Preparations, Powders, Shaving, Dental and Hair Preparations, Toilet and Household Soaps, packed Herbs, Oils, Disinfectants, Horticultural Sundries, Fertilizers, Seeds, etc., together with the Goodwill of the Business. Tenders must reach the Offices of the Solicitors not later than 12 noon on THURSDAY, July 31, 1941.

Particulars (when ready) of Messrs. WALTER P. DAVID & SNAPE, Solicitors, Bridgend, or of Messrs. ROWLAND RAWLINS & CO., Valuers and Auctioneers, 26 Gt. Tower Street, E.C.3. (Man. Hse. 7234.)

APPOINTMENT

**BURNLEY COUNTY BOROUGH
MUNICIPAL GENERAL HOSPITAL**

Applications are invited for the appointment of whole-time Pharmacist (male or female), non-resident. Candidates must hold one of the qualifications of the Pharmaceutical Society. Salary £252 11s. per annum subject to variation in accordance with the cost of living on a basic salary of £234 per annum. Conditions of appointment and form of application may be obtained from the Medical Officer of Health, Public Health Department, St. James's Street, Burnley, to whom applications should be returned not later than Tuesday, August 5.

ARCHIBALD GLEN,
Town Hall, Burnley.
July 10, 1941.
Town Clerk.

SITUATIONS OPEN

RETAIL (HOME)

In view of the call-up of staff for military service, Timothy Whites & Taylors have vacancies in all parts of the country for qualified Pharmacists not liable for military service, for employment as Managers and qualified Assistants. Applications are invited from Pharmacists experienced in branch management and from Proprietors whose circumstances may have materially changed owing to war conditions. Immediate vacancies are available in the South of England, in the Portsmouth district, and in London, Birmingham, Yorkshire and Lancashire areas. Permanent and excellent prospects. In applying please state area in which employment is sought. Apply by letter in the first instance to Retail Staff Manager, Timothy Whites & Taylors, Ltd., Claremont Barn, Claremont Lane, Esher, Surrey.

BRIGHTON. Taylors British Chemists have a vacancy for an experienced Unqualified Assistant. Male or female. Permanent and progressive employment for suitable applicant. Apply by letter in the first instance to Retail Staff Manager, Taylors British Chemists, Claremont Barn, Claremont Lane, Esher, Surrey.

CAMBRIDGE. Qualified Lady or Gentleman required for good-class Dispensing business. Send full particulars. G. Peck & Son, Ltd., 30 Trumpington Street, Cambridge.

EAST YORKSHIRE. Pharmacist required to undertake a few weeks' relief work. Good wage and prospect of permanent employment, if desired. Apply CDB/638, London Office of this Paper.

HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST

MOUNT PLEASANT, LIVERPOOL, 3

Wanted Qualified Pharmacist for Out-Patients' Departments to do part-time duties for approximately two hours per day for five days per week. Salary Two Guineas per week. Applications, with full particulars and testimonials, to be sent to the Secretary.

LADY Dispenser-Book-keeper required. Good wages. Lewis Smith & Son, Hereford.

LADY Assistant required. Dispensing experience essential. Reasonable hours; no Sunday duty. F. E. Lever, Ltd., 151 Westbourne Terrace, Hyde Park, London, W.2.

LADY Pharmacist. Holiday Relief or Permanency can be arranged. London. Apply "A," c/o 384/129, London Office of this Paper.

LEWIS & BURROWS have a vacancy for an Experienced Unqualified Assistant. Apply 146 Holborn, E.C.1.

MANAGER for Pharmacy Branch. Must be over military age. Knowledge of retail side of Photography will be advantageous. Applications in writing stating age, full particulars of experience, and date of qualification, to Secretary, Portsea Island Mutual Co-operative Society, 119 Fratton Road, Portsmouth, not later than July 23, marking envelopes "Pharmacy."

PETERBOROUGH Medical Institute require the services of a Lady Dispenser (M.P.S.), morning and evening surgeries. No Sunday or half-holiday duty. The hours do not exceed thirty per week; suit anyone who is seeking a light post. Applications, with copies of references, full particulars and salary required, to The Secretary, 15 New Road, Peterborough.

QUALIFIED Assistant wanted, male or female. No Sunday or holiday duty. Usual particulars to H. Jowett, 125 Pasture Street, Grimsby, Lincs.

QUALIFIED Branch Managers required for shops in Liverpool area, must be over military age. Reply, stating age, experience and salary required, to CDB/634, London Office of this Paper.

QUALIFIED Manager wanted for South London Pharmacy: good salary and rising commission; excellent house over shop. Permanency, and if desired interest in the business would be considered. Apply R. B. L., 16 Melon Road, Peckham, S.E.15.

RECEPTION area, 35 miles from London. Qualified Lady wanted, age 30 to 40. Able to take charge during absence of principal. Permanency and a happy shop. Dispenser and three other assistants kept. 384/136, London Office of this Paper.

REQUIRED qualified Manager, small branch business. Allen & Lloyd, Aldershot.

REQUIRED Qualified Pharmacist for Branch. State wages. Waller & Riley, Ltd., 17-19 Bradshawgate, Bolton.

TAYLORS BRITISH CHEMISTS require Pharmacists for relief duties in Birmingham and Wolverhampton districts. Permanent employment for suitable applicants, if desired. Apply by letter in the first instance to Retail Staff Manager, Taylors British Chemists, Claremont Barn, Claremont Lane, Esher, Surrey.

TAYLORS BRITISH CHEMISTS, ABERGELL, N. WALES. Have a vacancy for an experienced unqualified Assistant. Male or female. Permanent and progressive employment for suitable applicant. Apply by letter in the first instance to Retail Staff Manager, Taylors British Chemists, Claremont Barn, Claremont Lane, Esher, Surrey.

UNQUALIFIED Assistant (exempt military service) required for duration—possible permanency. State age, experience, salary required and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich. Endorse envelope "Assistant."

WANTED at once, experienced Saleslady for Shepherd's Bush area. Good references required. Phone SHE 3505, or write CDB/640, London Office of this Paper, stating age and salary required. No Sunday or Thursday afternoons.

WANTED, male or female Assistant for Pharmacy Department. Qualified, or unqualified with experience. Apply by letter to Sowerby Bridge Industrial Society by first post Tuesday, July 22, stating age, experience, and wages required.

WANTED, Qualified Assistant (male); good mixed business. Apply with usual particulars, T. Roberts (Chemists) Ltd., 1 Belgrave Road, Longton, Stoke-on-Trent.

WANTED, Unqualified Assistant, male or female. Permanency. Counter and Dispensing. State salary and experience. W. H. Ludlam, Chemist, Lord Street, Fleetwood.

YORK Co-operative Society, Ltd., 22 Railway Street, York. Pharmacy Dept. Wanted, Qualified Lady Assistant for quick counter trade and dispensing. Apply by letter to General Manager, giving full particulars. Envelope to be endorsed "Pharmacy."

LOCUMS AND SEASONAL VACANCIES

LOCUM qualified. Wanted from August 3 to September 28. If available part of period only, please give dates. Applications, with usual details, required at once. L. Rowland & Co., Ltd., 9 High Street, Wrexham.

QUALIFIED Locum, male or female, required from August 5-9. Bell & Co. (Essex Road), Ltd., 186 Essex Road, London, N.1.

WANTED, Locum Dispenser-Book-keeper, man or woman, August 5 to 18 inclusive. Dr. Tunnicliffe, 27 Granby Street, Loughborough.

WHOLESALE

AN established firm of British manufacturing chemists, marketing medical specialties, require a representative for medical propaganda work in S. Wales. A pharmaceutical qualification is essential and previous representative experience an advantage. Applicants must give full details of past experience and qualifications. Apply Box 890, 8 Serle Street, Lincoln's Inn, London, W.C.2.

A VACANCY has occurred in the Liverpool and Manchester areas on the representative staff of a well-known firm of British manufacturing chemists. Applications are invited from men experienced in medical propaganda work. A pharmaceutical qualification is essential. Full details of past experience and qualifications should be given. Apply Box 889, 8 Serle Street, Lincoln's Inn, London, W.C.2.

CHECKER for dispatch counter, with knowledge of drugs and ethical proprietaries. Reception area, 35 miles west of London. Please state experience and salary required, in confidence. CDB/635, London Office of this Paper.

ENERGETIC and fully experienced Foreman required for Wet Room. Must have had similar experience and be able to control staff. Apply giving full particulars and remuneration expected to 384/137, London Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc. 365/381, London Office of this Paper.

PILL Maker required; Colton machines. Apply 384/133 London Office of this Paper.

REPRESENTATIVE over 45 or exempt military service required by leading manufacturers of vitamin and pharmaceutical products for Yorkshire, Derbyshire, Durham and Northumberland. Must have extensive knowledge and connection with Public Health Depts., Clinics and retail chemists in these areas. Write full particulars, firms represented, salary expected and if car owner, to 384/134, London Office of this Paper.

REPRESENTATIVES wanted to carry quick selling lines. Liberal commission. First-class accounts essential. Samples sent on application. CDB/639, London Office of this Paper.

SAVORY & MOORE, Ltd., require a shorthand-typist for Secretarial duties. Applicants with knowledge of the pharmaceutical trade given preference. Apply by letter, Standard Works, Lawrence Road, London, N.15.

SEVERAL men reserved as process men in a of England at union rate considered. Replies to CDB/631, London Office of this Paper.

SURGICAL Appliance F fitting elastic trusses, working conditions are exc

Tablet Maker required in Essex. Write giving etc. CDB/641, London Office of this Paper.

Tablet Maker with g London Manufactur

Write, giving full particu required. CDB/636, London Office of this Paper.

WHOLESALE Chemists to deliver goods to ch London and suburbs. Will Not liable for military experience. CDB/629, London Office of this Paper.

WORKING Foreman P department. Must b (except coating) and be ticulars, age and remunera Co., Ltd., Hove.

SITUATION

RETAIL

QUALIFIED Manager (3 London and provinci references. Free one m preferred. CDB/630, London Office of this Paper.

RESIDENT Managers Scot; married; ove All-round experience, incencs. Can wait suitab CDB/637, London Office of this Paper.

WHOLESALE

COUNTER Hand. Exp Wholesale Druggists (42); unqualified. Gard Bermondsey, London, S.E.

MEDICAL propaganda Position required by and abroad. Willing go French. 384/140, London Office of this Paper.

SALES and General Man thorough all-round retail, travelling, wholesa control, seeks progressive Office of this Paper.

COUNTY

COUNTY CO RIDING

SUPPLY OF ST

Applications are i (particularly manu placed on the list of the County Suppl to time invite qu stores, such as Cartage, First-aid Tools and Stores ware, Furniture (S (various kinds), Sundries, Textiles ber (soft and har Goods, Brushes f Groceries.

Applications m copies of which (to of supply) may b County Supplies f field, Yorks.

Firms who ha received acknowl make fresh applic

County Hall, WAKEFIELD.

MISC

WE will deliver per Tablets in exchang carriage paid. Replies on CDB/577, London Office of this Paper.

om military service required
factory in the north-west
ified pharmacists would be
ndon Office of this Paper.
ted who has specialised in
al belts, suspensories, etc.,
the occupation is reserved.
age, experience and salary
of this Paper.

l tablet compressing plant,
culars, previous experience,
s Paper.

ral experience wanted for
se. Permanent position.
age, experience and wages
f this Paper.

man requires reliable person
motor; good knowledge of
list in clerical duties inside.
State salary required and
of this Paper.

required to take charge of
rt knowledge of operations
lton Machinery. Full par-
red to The Standard Tablet

WANTED

(HOME)

position in safe area, South.
ce, all branches. Excellent
a engagement; interview
of this Paper.

or Somerset. Qualified.
age. Present post Devon.
ternary. Excellent refer-
y. Kindly state terms.
per.

WALE

an requires good post with
s experience; ex-Service
arl Road, Dunton Road,

chemist's Representative.
Experienced Great Britain
Sound references. Fluent
his Paper.

4, exempt military service;
of the trade, including
manufacturing; also machinery
position. CDB/640, London

ACTS

OF THE WEST KSHIRE

FURNITURE, ETC.

in persons and firms
for permission to be
and firms from whom
ttee may from time
for various kinds of
Bookbinding, Motor
es, etc., Engineers'
gery, Metals, Hard-
Office), Soap, Paper
ed Stationery, Office
Haberdashery, Tim-
leather and Leather
g, Chemicals, Drugs,

on the official form.
standard conditions
from the Manager,
t, Cliff Lane, Wake-

y applied and have
the form need not

ES McGrATH,
the County Council.

NEOUS

000 full-strength Saccharin
7 lb. Sach. Lact. dispatched
(s) to be sent to "Tabbellae,"
per.

FOR SALE

NAIL VARNISH

EXCLUSIVE QUALITY IN BULK Colours: PINK, MID PINK,
MAUVE, SIGNAL RED, ROYAL RED, ORANGE, 55/- gallon,
17/6 quart, also NATURAL, 53/6 gallon, 17/- quart, COLOURLESS,
52/- gallon, 16/6 quart. Delivered free. Shade Cards on request.
Cash with orders. Supplies limited. Send orders at once.

A. E. PEZARRO & CO., 126 Edgware Road, London, W.2

Paddington 1759

(Note correct address.)

TOILET ROLLS

Approx. 6 oz. SWANTEX BRAND

Fitting all holders, retailing at 9d. including profit and purchase tax.
Packed gross boxes, minimum 2 gross. Constant supplies.

Apply for sample and offer to

BRITISH UNICORN LTD., 122 LONDON WALL, E.C.2

CONSIDERABLE Stock of Surgical Rubber Ware of well-
known brand, packed and loose, offered for sale. Write
384/135, London Office of this Paper.

ENVELOPES for all packing purposes, powders, lints,
shampoos, films, wages. Write makers, stating require-
ments. 10,000 Manilla Commercial sent car. pd. for 60s. inclusive.
P.T. East. Env. Makers, 84 Romway Road, Leicester.

HIGH-CLASS Lipstick Refills in five delightful shades to fit
Max Factor, 5th Avenue, Coty, Jane Seymour, Innoxa,
Tattoo, Louis Philip, Yardley. Retail, 2s. 11d.; 18s. dozen.
Cash with order. Sample, 1s. 9d. post free. Apply, Chemist,
87 Old Park Riddings, London, N.21.

LIMITED Stock of Lipstick Refills in four shades, 1st grade
formula, 12s. 6d. per doz.; immediate delivery. Ableman,
26 Fairmount Road, London, S.W.2, or 69 Vant Road,
London, S.W.17.

LIPSTICKS. Refills 11 mm. good selling shades and first-class
quality, 10s. 6d. and 12s. doz. (latter cellophane tube).
Surplus Trading Co., 449 Oxford Street, W.1.

10 oz. Quini Sulph., 4s. 3d. oz.; 8 oz. Iodine, 1s. oz.; 4 oz.
Ol. Bergamotte Super, 5s. oz.; 6 oz. Ol. Santal Flav. E.I.,
2s. 3d. oz.; 4 oz. Ol. Lavand. Ang., 7s. oz.; 16 oz., 20 oz., 30 oz.
Compo Mortars, 2s., 2s. 6d., 3s., fair condition. Chemist,
Sunnydene, Sudbrooke Lane, Petersham.

BUSINESSES FOR DISPOSAL

CHEMIST SHOP, North Ireland, to let to purchaser of stock
and fittings as required. Good opportunity in best town in
Province. Genuine reasons for disposal. Apply 383/109,
London Office of this Paper.

ESTABLISHED Dispensing Chemist's Business for Sale.
Fixtures and fittings S.A.V. Sole monopoly in area.
Growing trade near proposed Tube extension. Apply Badham,
Comins & Sloman, 53 and 54 Gresham House, 24 Old Broad
Street, E.C.2.

LATE NEWS

Pharmacy and Medicines Bill Discussed in Committee

The Bill was considered by the House of Commons in Committee on July 15 and 16. Subsection 1 (1) (a) was amended to leave out "articles other than" and to insert "drugs, or of drugs and medical appliances, or of other drugs and surgical appliances, or of". Mr. Peake (Under-Secretary for the Home Office) said it had been thought better to provide not that the "sale of articles other than drugs" must constitute the predominant part... but rather that the sale of drugs, etc., "must not constitute a substantial part...". Subsection 1 (3) was similarly amended. Captain Elliston moved that in Subsection 1 (1) (d) the word "dispensed" be left out and "compounded" inserted. This was agreed to. In the expression "medical and surgical appliances" includes contraventions, the word "surgical" was omitted. Discussion followed on clauses dealing with advertisements and the Committee adjourned. When consideration was resumed, on July 16, a general discussion took place on Clause 6 on a number of amendments designed to secure that the ingredients of medicines the composition of which are required by the Bill to be described on the wrapper or bottle should be so described in language which the general public could readily understand.

Mr. E. Brown (Minister of Health) pointed out the technical difficulties in the way of describing medicines in simple English terms. Moreover some names, though they might be English, might not be easily recognisable. He suggested that an amendment deleting the word "composition" and inserting the words "accepted scientific name or other name descriptive of the true nature" would avoid the technical difficulties to which he had referred and at the same time meet the wishes of the Committee in this respect.

The amendment was agreed to.

Sir T. Moore moved an amendment to Clause 6 to safeguard the position of herbalists. He said he had discussed the position with leading herbalists, who said their business would be made practically impossible by the clause. Sir P. Hannon supported the amendment. Miss Horsburgh (Parliamentary Secretary, Ministry of Health) said the Committee had agreed there should be the clearest possible disclosure of the contents of a remedy, and it would be unfair to exclude one class from the necessity for disclosure. The amendment was negatived.

Mr. E. Brown accepted an amendment, moved by Captain Elliston postponing from January 1 to July 1 next the coming into operation of Clause 6, which provides for the disclosure of composition of medicines. The amendment was agreed to.

The Committee stage was concluded.

OLD-ESTABLISHED Chemists and Opticians, Drysalers (Wholesale and Retail) Business for disposal for family reasons. Reasonable price asked. Stock at valuation. Option of purchase of property. Excellent opportunities for energetic buyer; inquiries solicited from principals only. Peter, Gregson, Chaplin & Co., Accountants, King Street, West, Manchester.

WANTED

BOTTLES. 1 oz., 2 oz., 4 oz. bottles, any shape, panels preferred, wanted in quantity. Apply Armour's Products, 188-190-192, Sutton Court Road, Chiswick, W.4.

CLASS 16. Offer of small amounts of quota appreciated. Large amounts required. Write 384/132, London Office of this Paper.

CLASS 16 QUOTA. Registered Wholesalers and other Distributors with Class 16 Quota to spare are invited to contact well-known Perfumers at 384/115, London Office of this Paper.

FILMS, size 120 Kodak or any make. State date and make, with price first intimation. Frank Purcell, Strand Street, Douglas, I.O.M.

HORSEADISH wanted in quantity. Write, stating price, etc., Beardsley, 34-40 Ludgate Hill, London, E.C.4.

LATEST model Shavemaster Electric Shaver. CDB/632, London Office of this Paper.

LINT. Any quality, unprepared soiled oddments, offcuts or seconds, in moderate sized pieces, up to 1 ton; Powdered Gum Karaya up to 10 cwt.; Powdered Gum Trag. up to 5 cwt.; Henna, Camomile, Talcum or Face Powder in bulk, Lipsticks in Cases, or loose unwrapped. Woods, Greenside, Cleckheaton.

OILS or Fats and Glycerine, also Block Stearine wanted, Box 56, Pools, Brettenham House, Lancaster Place, W.C.2.

SACCHARINE (pure), Glucose Powder and Saline Tins, required (large or small quantities). What offers? Bird, 117 Weedon Road, Northampton.

TABLET Machines, Mixers, etc., Cosmetic Equipment required. Top Prices Paid. 381/928, London Office of this Paper.

WANTED by England's largest Photographic Dealers. All Miniature Cameras, extra lenses and accessories, Rollicflex, Leica, Contax, Ikontas, etc., also films for Leica, etc. Will buy quotas. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

WANTED, Electric Cream Mixer, Stearic Acid, Toilet Paraffin Egyptian Henna, any quantity. United Hairdressers, Ltd., 7 Baker Street, London, W.1.

WANTED to buy Stocks of Stearic Acid, Gum Tragacanth, White Soft Soap, Cream Jars, Bottles, Electric Mixer and lines of Cosmetics, any quantity. Surplus Trading Co., 449 Oxford Street, W.1.

WANTED Gardner's Patent "Rapid" Steam Heated Dryer, capacity about 60 or 100 lb. Lowest price and full particulars to 384/117, London Office of this Paper.

ARE YOU UNEMPLOYED AS A DIRECT RESULT OF THE WAR ? IF SO, READ THIS

In order to assist employees who have lost their employment, either through enemy action or through businesses being closed down in defence areas, a scheme of free advertisements in the "Situations Wanted" column of this Supplement will be available until further notice.

Any such employee of a retail pharmacist, whether qualified or not, or any employee of works producing or distributing products in connexion with the drug and associated industries is invited to make full use of this facility without charge.

Advertisements should be accompanied by particulars of lost employment and cause of its termination, and should be addressed to The Publisher, The Chemist and Druggist, The Pitman Press, Bath, to arrive not later than WEDNESDAY morning of week of issue.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

RETAIL

LADY Dispenser-Secretary (Hall), qualifications and many years' experience, desires urgently a post with doctors, hospital or high-class chemist. CDB/633, London Office of this Paper.

ELDERLY, qualified, married, needs berth in reasonable area, owing to enemy action. "Phil," 134 Inchmery Road, Catford, S.E.6.

EXPERIENCED Unqualified Lady Dispenser Assistant requires situation in Chemist shop or with doctor in Scotland. Good reference obtainable. CDB/609, London Office of this Paper.

MANAGER (Drug Stores), senior experienced man; disengaged through enemy action; satisfactory reference. CDB/592, London Office of this Paper.

QUALIFIED, elderly, many years' experience, seeks position as Manager, owing to loss of own pharmacy. Country. Southern England preferred. CDB/628, London Office of this Paper.

REPRESENTATIVE (Liverpool and North of England, North Wales). Good connexion, medical men, hospitals and nursing homes. Drugs, sundries, insts., toilets. "W.P.R.," 29 Crescent Road, Southport.

WHOLESALE

EIRE and N. IRELAND. Well-known Representative with large and influential connexion in these territories seeks engagement (previous firm's premises destroyed enemy action). Good worker, excellent references. Write CDB/575, London Office of this Paper.

MIDLANDS, Eastern Counties Representative. Very active. Over military age. Car owner. Hundreds of live accounts open amongst chemists, stores, high-class hairdressers. Vacant through enemy action. Excellent reference from late firm. Expenses, commission. "Rader," St. Moritz, Wellington Road, Mablethorpe, Lincs.

POSITION of Works Manager and Engineer required for a man aged 60 years. Long experience in Factory Output and general control of men and women in perfumery or similar business. Over ten years with well-known perfumery house. North West London preferred. CDB/610, London Office of this Paper.

THOMAS CHRISTY'S London Representative for 28 years. "Retired." Seeks re-engagement for good house, excellent connexion. Yelland, 3 Christchurch Road, Crouch End, N.8.

BUSINESS WANTED

WANTED Drug Stores, North London, or management of same outside London. Counter experience last 40 years; own business 16 years, until bombed. CDB/573, London Office of this Paper.

CHEMIST & DRUGGIST

WAR-TIME TRADE GUIDE

This 8-page guide, published in the CHEMIST & DRUGGIST, January 25, 1941, comprises a comprehensive alphabetical list of pharmaceutical products, drugs, toilet preparations, cosmetics, druggists' sundries, etc., handled by the retail pharmacist.

Against each item is indicated the War-time Trade Restriction control or tax and the amount of tax it is subject to.

Manufacturers, Wholesalers and Retailers thus have available, in a clear and concise form, all the essential information regarding current trading conditions. Reprints are available at the following post free prices.

1 copy	7d.	12 copies	5/6
3 copies	1/8	25 copies	10/6
6 copies	3/-	50 copies	20/-

Remittances should be sent with orders to
THE CHEMIST & DRUGGIST
The Pitman Press, Bath

RECENT DEVELOPMENTS IN THERAPEUTICS

By

F. PRESCOTT, M.Sc., Ph.D., A.I.C., M.R.C.S., L.R.C.P.

Reprints of this important series of 12 articles, published in the "Chemist and Druggist" during recent months, are now available.

Every pharmacist should possess a copy and thus keep abreast with modern medical practice.

The reprints occupy 16 pp. and will be sent post free at the following rates:—

1 set reprints	1/-
6 sets reprints	5/-
12 " "	8/-
36 " "	21/-

Special quotations for larger quantities.

Remittance must be sent with orders to
THE CHEMIST & DRUGGIST
The Pitman Press, BATH

You need
the

C. & D.

PURCHASE TAX READY RECKONER

It simplifies transactions, saves valuable time and eliminates possibility of errors.

It gives at a glance the amount of purchase tax to be added to the Retail Sales price of goods

- Bought and sold by weight.
- Bought and sold in numbers.

In handy form for Counter use.

1 copy	7d. post free
3 copies	1/8 " "
6 " "	3/- " "
12 " "	5/6 " "

Special quotations for larger quantities.

Remittance should accompany orders to
THE CHEMIST & DRUGGIST
The Pitman Press, BATH

BRITISH MADE ALKALOIDS AND FINE CHEMICALS

The word "Whiffen" is written in a large, elegant, cursive script. It is enclosed within a thin, dark oval border. A horizontal line extends from the left side of the oval, passing under the word "Whiffen".

Whiffen

BROMIDES IODIDES

MERCURIALS • ATROPINE
CAMPHOR • NICOTINIC ACID • SALICIN
CAFFEINE • EMETINE • QUININE
STRYCHNINE • NICOTINE • VERMILION
PRUNELLA • ESSENTIAL OILS
CLOVE OIL • SANDALWOOD OIL
ALMOND OIL • EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

•

WHIFFEN & SONS LTD

INCORPORATING GEORGE ATKINSON & COMPANY. EST 1654

FULHAM, LONDON, S.W.6

'Phone FULham 0037

'Grams WHIFFEN LONDON

TELEGRAMS

'ACIDOLAN, BILGATE,
LONDON'

TELEPHONE

MANsion House 6005
(FOUR LINES)

CHAS. ZIMMERMANN & CO. LTD.

TECHNICAL
PHOTOGRAPHIC
PHARMACEUTICAL
CHEMICALS
ESSENTIAL OILS
(Natural and Synthetic)
GELATINES

9 & 10 ST. MARY-AT-HILL
LONDON, E.C.3